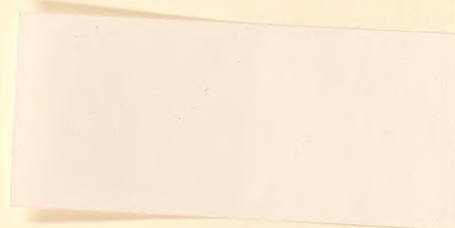


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# Southern Illinois University Bulletin

Spring / 1973  
Schedule of Classes  
Carbondale







**This Bulletin** contains the schedule of classes to be offered by Southern Illinois University at Carbondale for the spring quarter, 1973, at Carbondale, Vocational-Technical Institute Campus, and Little Grassy Lake.

It also provides information relative to admission, advisement, registration, and fees.



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Carbondale

**Southern Illinois University Bulletin**

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# Registration Calendar

## Spring Quarter, 1973

A committee to study the activities of registration and advisement has recommended some changes to the procedures which may affect the registration calendar. Any change to the following calendar will be publicized in the Daily Egyptian and campus offices will be notified.

### GRADUATE REGISTRATION DATES

#### Monday, January 22–Friday, March 9

Advance registration and program change period for graduate students. No graduate registration or program change will be processed Monday, March 12–Friday, March 23.

#### Monday, March 26–Thursday, April 5

Beginning-of-the-quarter registration period for graduate students. No graduate students will be admitted or readmitted on March 26, 27, 28.

### UNDERGRADUATE REGISTRATION DATES

#### Monday, January 15–Friday, March 9

Advance registration period for all undergraduate students. New students should refer to the Advisement and Registration procedure on page 1 for further procedural information.

ALL CONTINUING UNDERGRADUATE STUDENTS ARE EXPECTED TO BE REGISTERED BY MARCH 9. Students are urged to process program changes prior to the first day of classes. Students should be registered and should attend classes on the first day of classes.

#### Monday, January 29

First day for undergraduate students to begin making program changes for the Spring quarter.

#### Wednesday, March 14

Undergraduate students will have their advance registration cancelled if fees are not paid at the Bursar's Office by 4:00 P.M. on this date, unless they have deferred their fee payment at the Bursar's Office prior to this date. Students whose fees are paid or deferred by this date will receive a printed class schedule before the quarter begins. To insure accuracy students should check these schedules carefully for conflicts and errors. Changes should be made before classes begin. Tuition and fees may be deferred during the two week period prior to the fee payment deadline providing the tuition and fee payment totals at least \$50.

#### Beginning-of-the-Quarter Activities for Undergraduates

The dates listed below from March 25 through March 30 are for undergraduates. These dates are subject to change prior to the beginning of Spring Quarter. Continuing students *should not wait* until this time to

register. Their registration should be processed and tuition and fees paid or deferred prior to March 14.

*Sunday, March 25*

Residence halls open.

New student orientation starts.

*Monday, March 26*

Advisement and registration for new and re-entry students only. Continuing students who did not advance register or had their registration cancelled for non-payment of fees must wait until Thursday, March 29 to register. Students registering at the Arena must clear their fees with the Bursar the same day they register. Registration will be located at the SIU Arena from Monday, March 26 through Friday, March 30. Arena hours are 8:00 A.M. to 4:00 P.M. daily.

Night classes start (5:45 P.M. or later).

*Tuesday, March 27*

Advisement and registration open for program changes only.

Day classes begin.

*Wednesday, March 28*

Advisement and registration open for program changes only.

*Thursday, March 29*

Advisement and registration open for registrations and program changes. This is the first day continuing students can register in the Arena for the Spring, 1973, quarter.

*Friday, March 30*

Advisement and Registration open for registration and program changes. This is the deadline to register or to make a program change in which a course is added or a section changed.

**Monday, April 2**

Registration activities returned to Woody Hall.

**UNDERGRADUATE AND GRADUATE REGISTRATION  
DEADLINE DATES**

**Thursday, April 5**

Deadline for payment of fees by students whose fees were deferred. Graduate students registration will be cancelled if fees are not paid by 4:00 P.M.

**Friday, April 6**

Last day officially to withdraw from school or make a program change drop which changes fee categories to be eligible for a refund of fees.

**Friday, April 20**

Last day for undergraduates to officially withdraw from a course without receiving a letter grade.

Graduate students officially dropping a course after this date need not be given an evaluative letter grade.

Last day to change from credit to audit or vice versa for all students. (See Auditing of Courses, page 5.)

Last day to change from regular grading option to pass/fail option or vice versa for students in elective pass/fail courses. (See Pass/Fail Option, page 5.)

**Friday, May 18**

Last day for making a program change.

**Friday, May 25**

Last day for withdrawing from school except under exceptional circumstances.



# Calendar of Events

## March

- 26, Monday      American College Testing Program (Residual) \*  
Test of English as a Foreign Language (National) \*

## April

- 7, Saturday      National Teacher Examinations \*  
Admission Test for Graduate Study in Business \*  
14, Saturday      Law School Admission Test \*  
Graduate School Foreign Language Tests \*  
28, Saturday      American College Testing Program (National) \*  
Graduate Record Examination \*  
Dental Admission Test \*

## May

- 4, Friday      Last day to apply for *Spring* Graduation. Obtain the appropriate forms at the Office of Admissions and Records.  
5, Saturday      Test of English as a Foreign Language (Residual) \*  
18, Friday      Last day to submit approved theses, research reports, or dissertations to the Graduate School for *Spring* Graduation.

## June

- 4, Monday      Test of English as a Foreign Language (National) \*  
16, Saturday      Graduate Record Examination \*

\* Pre-registration is required. Please contact the Testing Center, Washington Square, Building C, 536-3303, at least 4 weeks in advance of the scheduled test.

# University Calendar

<i>WINTER, 1973</i>	Quarter Begins	Tuesday, January 2 *
	Washington's Day Holiday	Monday, February 19
	Final Examinations	Saturday–Friday, March 10–16
<i>SPRING, 1973</i>	Quarter Begins	Monday, March 26 *
	Memorial Day Holiday	Monday, May 28
	Final Examinations	Saturday–Friday, June 2–8
	Commencement	Friday, June 8
<i>SUMMER, 1973</i>	Quarter Begins	Monday, June 18 *
	Independence Day Holiday	Wednesday, July 4
	Final Examinations	Monday–Friday, August 27–31
	Commencement	Friday, August 31
<i>FALL, 1973</i>	New Student Days	Sunday–Tuesday, September 23–25
	Quarter Begins	Tuesday, September 25 *
	Thanksgiving Vacation	Tuesday, 10 P.M.–Monday, 8 A.M., November 20–26
	Final Examinations	Wednesday–Tuesday, December 12–18
<i>WINTER, 1974</i>	Quarter Begins	Wednesday, January 2 *
	Washington's Day Holiday	Monday, February 18
	Final Examinations	Wednesday–Tuesday, March 13–19

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\* Classes begin with the evening classes after 5:30 P.M.

# 1 / General Information

THIS BULLETIN contains the schedule of classes offered for the spring quarter, 1973, by Southern Illinois University at Carbondale. It also provides information relative to advisement and registration, fees, and allied information.

## Admission

Inquiries concerning undergraduate admission should be directed to the Admissions Office; those on the graduate level to the Graduate School. Undergraduate admission applications should be completed at least thirty days in advance of the desired entrance date.

## Registration and Advisement

Southern Illinois University at Carbondale uses an academic advisement system whereby each undergraduate academic unit has a chief academic adviser and a number of assistant advisers selected from the teaching faculty. Undergraduate students entering the University for the first time will receive selective dates from the admission process from which they are to select the preferred date on which they will come to the campus to be advised and to advance register. This includes both freshmen and transfer students. They are not to write for appointments nor are they to come to Carbondale expecting to register unless it is the date indicated for them to do so.

Graduate students will initiate advisement with their advisers, and will complete the registration process at the graduate school, where all registration forms will be completed and retained. Graduate students will not be required to go through the Registration Center. The registration process is handled at a later time, and the student receives a fee statement by mail. Cancellation of graduate student registrations for non-payment of fees occurs on the date indicated in the Registration Calendar. Graduate students may register during the period indicated in the Registration Calendar. Graduate students who need to make program changes must follow the same procedure as undergraduate students in that these must be personally processed by the graduate students through the Registration Center.

After advisement the student may register for classes. See the Registration Calendar in this bulletin. Ordinarily, registration offices are open from 8:00 to 11:30 A.M. and 1:00 to 4:30 P.M., Monday through Friday.

During the registration process the student goes through the Registration Center, where he assigns himself to specific sections of the courses he is to take.

Mere attendance does not constitute registration in a class, nor will attendance in a class for which a student is not registered be a basis for



asking that a program change be approved permitting registration in that class. Students should complete the registration process before classes begin.

### *New Students*

Students entering the University for the first time are permitted to advance register only after they have been admitted to the University as evidenced by their receiving the Certificate of Admission.

New undergraduate students, freshmen and transfer, will be expected to advance register on the same date that they come to the campus for advisement. Dates for students to do so will be selective ones in which the students are asked to come to the campus on specific dates as determined by the University. Students should not expect to be advised and registered on the same date they are admitted nor are they to come to the campus for advisement and registration without an appointment. Appointments for advisement and registration will be mailed from and are to be returned to the Office of Admissions and Records.

New graduate students may register during the registration periods indicated on the registration calendars. Arrangements should be cleared with the Graduate School to do so to assure that the appropriate adviser will be available.

### *Re-Entering Students*

Students who have attended the University at some former time but not during the session immediately prior to the time they plan re-entry are expected to advance register during the periods outlined in the Registration Calendar. After completing readmission procedures (Admissions Office for undergraduate students and graduate school for graduate students) advisement appointments should be made at the advisement offices of the academic units into which the students are entering and clearance of the registrations should be completed on that same day at the Registration Center.

### *Current Students, Carbondale*

Students currently registered in the University will be continued in their present curricula unless a change of college or major is made. A change of college or major area of concentration is initiated with the student's adviser. Either change should be made at the time of advisement.

Undergraduate students currently registered in the University will schedule appointments with their adviser. Registrations should be processed through the Registration Center as soon after advisement as possible.

Graduate students in a degree program should make appointments with the departmental adviser for program advisement. Unclassified graduate students preparing for a degree program should contact the departmental adviser for pre-advisement. Unclassified graduate students in other categories may report directly to the graduate school for registration procedure. Unclassified students who are planning to take qualifying courses must report those courses to the Graduate Admissions office *before* registering each quarter.

### *Current Students, Edwardsville*

Undergraduate students attending Southern Illinois University at Edwardsville who plan to attend Southern Illinois University at Carbondale must initiate their registration process by presenting to the Office of Ad-

missions and Records at Carbondale either an official transcript of their university record or a letter of good standing from the registrar at Edwardsville. The reason for reporting to the admissions office is to permit the necessary coding changes to be made so that pertinent information about their academic programs, etc., can be up-dated to reflect the change of campus. Graduate students report first to the Graduate School.

Payment of Fees

Undergraduate students receive their fee statements at the time of registration. During the advance registration period students are asked to delay paying their fees in person at the Bursar's Office until the day following registration. This is to permit necessary fee information to reach the Bursar by the time of fee payment. Students will find it easier simply to mail the fee statement along with a check or money order for the proper monetary amount to the Bursar's Office so as to arrive there by the deadline dates which are stated in the Registration Calendar located earlier in this bulletin. If students pay fees in person at the Bursar's Office they receive a Certificate of Registration at that time. When fees are paid by mail the Certificate may be picked up by the student when he returns to campus. Students will receive their printed schedule of classes within one week after the cancellation date. It is important that these forms be carried by the students at all times.

Undergraduate students registering at the start of a quarter must pay fees at the time of registration.

Graduate students receive fee statements by mail and must clear their fees at the Bursar's Office by 4:00 P.M. on the date indicated on the Registration Calendar.

Fees for a Regular Quarter

The University reserves the right to change fees and to have the change go into effect whenever the proper authorities so determine. Undergraduate students pay the following regular fees:

	Not more than 5 hrs.	More than 5, less than 11	11 or more
Tuition Fee—Illinois Resident .....	\$ 48.00	\$ 95.00	\$143.00
Tuition Fee—Out-of-State Resident ...	(143.00)	(286.00)	(429.00)
Student Welfare and Recreation			
Building Trust Fund Fee .....	5.00	10.00	15.00
Book Rental Fee * .....	3.00	6.00	8.00
Student Activity Fee ** .....	3.50	7.00	10.50
Student Center Fee .....	5.00	10.00	10.00
Athletic Fund Fee .....	3.00	6.50	10.00
Total—Illinois Resident .....	\$ 67.50	\$134.50	\$196.50
Total—Out-of-State Resident .....	(162.50)	(325.50)	(482.50)

\* Graduate students do not rent their textbooks and do not pay the book rental fee. They must purchase their books.

\*\* The activity fee is prorated according to the number of hours carried. Health Service benefits vary according to the amount paid. In certain instances graduate assistants, research assistants, graduate fellows, or students on fee code 27 may seek permission from the health service to pay the full activity fee even though they are only part time students. Written consent from the Health Service must be presented at the time of registration so that the student may be properly assessed.



Students who register for a course for *audit* or for a non-credit course will be assessed fees according to the imputed hours of that course. *Imputed hours* is generally the number of hours the class meets per week.

### Scholarships-Grants-Assistantships-Waivers

Students having special fee status, such as scholarships, grants, graduate appointments, faculty and staff will pay fees according to their particular fee status and must provide proof of their eligibility at the time fees are assessed.

Students holding valid state scholarships and other grants are exempt from some or all of the tuition and fees for a quarter to the extent provided by the terms of the specific financial aid. Additional information concerning scholarships and grants may be obtained from the Office of Student Work and Financial Assistance.

### Graduate Appointees

A graduate student who holds a graduate student appointment of at least one-quarter time is eligible for a waiver of tuition each quarter the appointment is held.

A graduate student who has held such an appointment for at least three consecutive quarters and meets the conditions specified below will be eligible for a waiver of tuition for one additional quarter.

1. The appointment requires service to the University (i.e., preceptor, teaching assistant, research assistant, graduate intern, graduate assistant, but not a special doctoral assistant), and is paid through University Payroll. A special doctoral assistant is appointed for four quarters and can have the appointment extended to a total of eight quarters, but is not eligible for additional quarters.
2. The student has held an appointment requiring service to the University of at least 25% time each of three *consecutive* quarters. The Summer Quarter may be one of the three quarters. On the other hand, the three quarters may be interrupted by the summer and still be considered consecutive. For example, Spring, 1972, Fall, 1972, and Winter, 1973, would constitute three consecutive quarters.
3. The tuition waiver will be granted *immediately after* the three quarters of service have been completed. In no case shall the additional quarter of tuition waiver be granted *before* the three consecutive quarters of service have been completed.
4. This additional quarter of tuition waiver shall not apply to nonservice appointments normally awarded for four or more consecutive quarters, (i.e., special doctoral assistantships, graduate fellowships, or experimental fellowships).
5. This additional quarter of tuition waiver shall not apply to appointments such as NDEA (Title IV) fellowships, NSF traineeships, and NSF fellowships.

Fees waived for graduate appointees are the student welfare and recreation building trust fund fee and the athletic fee when registering for less than a full-time (11 quarter hours) basis. They have an option to pay or not to pay the activity fee at the time of registration with the option being irreversible.

### Faculty and Staff

Persons in this category will receive a tuition waiver and a waiver of some fees whenever they are employed at any time during a quarter for which they are registered.

### *Civil Service*

These employees will receive a tuition waiver and a waiver of some fees only when authorized by the Personnel Office after compliance with personnel regulations.

Fees waived for faculty and administrative staff and civil service employees are the student welfare, recreation building trust fund fee, and the athletic fee when registering for less than full-time (11 quarter hours) basis. They are not permitted to pay the activity fee.

### **Auditing of Courses**

Students may register for courses in an *audit* status. They receive no letter grade and no credit for such courses. An auditor's registration must be marked accordingly. They pay the same fees as though they were registering for credit. They are expected to attend regularly and are to determine from the instructor the amount of work expected of them. If auditing students do not attend regularly, the instructor may determine that the students should not have the audited courses placed on their record cards maintained in the Office of Admissions and Records. Students registering for a course for credit may change to an audit status or vice versa only for fully justified reasons and only during the first four weeks of a quarter. Such a change will require the student's academic dean's approval.

### **Pass/Fail Option**

This option applies only to undergraduate instruction. The elective Pass/Fail option and mandatory Pass/Fail courses are not available for graduate credit.

Courses offered under the pass/fail option are denoted in the listing of course offerings by the words "Elective pass/fail" or "Mandatory pass/fail" printed beside the affected course entry.

A student taking a course for pass/fail should have his registration marked accordingly. Students registering in an elective pass/fail course may change from the regular grading option to the pass/fail option or vice versa only for fully justified reasons and only during the first four weeks of the quarter. Such a change will require the student's academic dean's approval.

Students are not permitted to elect pass/fail for a course that is a major or minor requirement for them unless the program specifically permits such to be done. At present the only programs permitting such are:

The School of Business permits its students to take academic unit (School of Business) required courses on an elective pass/fail basis when the courses are offered by departments outside the School of Business and when such courses are made available on the pass/fail basis.

Economics Department—Any departmental undergraduate economics course, including ones required as a part of the *economics* major or minor, may be taken on a pass/fail basis.

Forestry Department—Forestry 104 may be taken on a pass/fail basis by students majoring in Forestry.

### **Program Changes**

Students are officially registered only for those courses appearing on their



schedule of classes. Any change therefrom must be made through an official program change, which includes the following steps:

1. Initiating the change.

Students report to their advisers for approval and Program Change form completion. Graduate students must also secure approval from the graduate school. If the change involves only that of changing sections within the same course, this may be done at the Registration Center without the necessity of securing adviser approval.

2. Registration.

Students must take the program change form to the Registration Center after approval by the adviser.

Program changes which involve the adding of a new course to the schedule or the changing of sections must be done by the "last day to add a class" as indicated in the Registration Calendar.

### *Dropping a Course*

A program change must be made in order to drop a course. A student may not drop merely by stopping attendance. The last date for dropping a course by an undergraduate student without receiving a letter grade is the last day of the fourth week of a quarter. Graduate students may not necessarily receive a grade for dropping after the fourth week. (Refer to Registration Calendar.)

### *Changing Fee Status*

Students making program changes which result in their moving from one fee status to another will be assessed additional tuition and fees when appropriate. If the change is to reduce the academic load resulting in a lower tuition and fee status, students may apply for the appropriate tuition and fee refund provided the reduction in program is made officially by a program change during the same period at the start of a quarter in which students withdrawing from the University are eligible for a refund. This is usually during the first ten days. For dates refer to the Registration Calendar.

### *Withdrawing from School*

A student who finds it necessary to withdraw from school while the quarter is in progress must report to the Office of Admissions and Records to initiate official withdrawal action. No withdrawal will be permitted during the last two weeks of a quarter, except under exceptional conditions. A refunding of fees is permitted only if a withdrawal is officially completed by the deadline stated in the Registration Calendar.

A student who advance registers, including paying of fees, and then finds that he cannot attend school must also officially withdraw from school. He may do this either by reporting to the Office of Admissions and Records in person or by writing to the Student Life Office. This must be done by the end of the first two weeks, if he expects to get a refund.

### *Cancellation of Registration*

An advance registration including the payment of tuition and fees may be considered invalid if the student is declared to be ineligible to register due to scholastic reasons. The same situation may exist due to financial

or disciplinary reasons if certified to the Registrar by the Student Life Office.

### **Personal Data Changes**

At the time of registration students are asked to review a Biographic Data Sketch containing personal data. Certain items, if in error, may be corrected at that time. Other items which may require some type of verifying evidence, are changed by reporting to the offices listed below.

1. *Local Address Change*.—Office of Admissions and Records, Registration Center, Graduate School, or VTI Registration Office.
2. *Name Change, Marital Status Change, Date of Birth Change*.—Records Section of the Office of Admissions and Records. Verification may be required.
3. *Selective Service Data Change or Information*.—Registration Center.
4. *Legal Residence Change* (whether an Illinois or out-of-state resident). —Must be requested by completion of the *Application to be Classified an Illinois Resident* form in the Office of Admissions and Records. Before the change is made the student must have met the regulations governing residency status as established by the Board of Trustees.



# REGISTRATION WORK SHEET FOR FALL, WINTER, AND SPRING QUARTERS

This form is provided for your use in establishing a tentative class schedule before coming to the Registration Center.  
1. Write in the *course* and *section* number in the appropriate day and time column.

2. Note: Avoid scheduling two classes at the same time.  
3. It is suggested that you also make an alternative schedule.  
4. Tentative class schedules are subject to the rules and policies on registration of the University and the Registration Center.

TIME	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.
8:00												
9:00												
10:00												
11:00												
12:00												
1:00												
2:00												
3:00												
4:00												
*												
*												

\* Write in times for night classes.

# 2 / Schedule of Classes

## Listing of Courses

Courses which students are to take to meet the General Studies requirements are listed in the front part of the Schedule of Classes. These courses are listed by the area which they satisfy and within the area by course number and section number.

Departments in which courses are being offered are listed in alphabetical order. Courses within each department are listed in order by course number and section number.

## Course Numbers and Hours

The line containing this information shows the number of the course first, followed by the short title and number of hours of credit. Course numbers are three-digit numbers. In some cases the three digits may be followed by a letter which is also part of the course number.

In a variable-hour course the student decides the number of hours for which he is going to register in consultation with his adviser.

The course numbering system is as follows:

- 000-099 Course not properly in the following categories
- 100-199 For freshmen
- 200-299 For sophomores
- 300-399 For juniors and seniors
- 400-499 For seniors and graduate students
- 500-600 For graduate students only

## Prerequisite

The prerequisite entry lists requirements which must be satisfied before a student registers for the course. These prerequisites may be listed in various ways. Usually they are other courses in the same department, indicated by a course number. A prerequisite in another department is indicated by the department's code letters and the number.

## Section Number, Time, and Days

The section number is indicated in the first column. The times given indicate the beginning and ending of each class period. Students registering for courses listed as "to be arranged" may obtain times and days from instructor indicated or, if no instructor is listed, from the department chairman offering the course.

## Building and Room Number

The following list of building abbreviations will help in the location of classrooms. Buildings are listed alphabetically according to the code used



in the class schedule. Temporary buildings are indicated in the schedule by a four-digit number.

If a building contains more than one classroom, then the number of the room follows the building's code name.

CODE:	BUILDING NAME	CODE:	BUILDING NAME
ABBOTT:	Abbott Hall (T.P.)	PARK:	Parkinson Building
AG:	Agriculture Building	NKRS A:	James W. Neckers Building A
ALLYN:	Allyn Building	NKRS B:	James W. Neckers Building B
ALTG:	Altgeld Hall	NKRS C:	James W. Neckers Building C
ARENA:	SIU Arena	PIERCE:	Pierce Hall (T.P.)
BAILEY:	Bailey Hall (T.P.)	PULL:	Pulliam Hall (University School)
BOAT:	Boat Dock	PULL I:	Pulliam Hall (Industrial Education Wing)
BROWN:	Brown Hall (T.P.)	PULL P:	Pulliam Hall (Physical Education Wing)
CENTER:	Student Center	SHRY:	Shryock Auditorium
CL:	General Classroom Building	STAD:	McAndrew Stadium
COMM:	Communications Building	TECH A:	Technology Building A
FELTS:	Felts Hall (T.P.)	TECH B:	Technology Building B
GYM:	Gymnasium	TECH D:	Technology Building D
HDBALL:	Handball Courts	TENNIS:	Tennis Courts
H EC:	Home Economics Building	WARREN:	Warren Hall (T.P.)
LAWSON:	Lawson Hall	WHAM:	Wham Education Building
LAKE:	Lake on the Campus	WHLR:	Wheeler Hall
LIB:	Morris Library		
LG:	Little Grassy Lake		
LS I:	Life Science Building I		
LS II:	Life Science Building II		
L-APS:	Physical Plant (Building 56)		
OBF:	Old Baptist Foundation		

### *Temporary Buildings*

CODE	LOCATION	CODE	LOCATION
0403	1009 S. Forest	0555	Thompson at Grand
0406	612 W. Grand	0685	506 S. Graham
0412	907 S. Forest	0686	511 S. Graham
0415	807 S. Forest	0701	801 S. Washington
0427	905 W. Grand	0702	105 E. Grand
0429	1009 S. Elizabeth	0720	Corner of Washington and Park
0431	1007 S. Elizabeth	0721	East of 0720 on Park
0432	1005 S. Elizabeth	0725	207 E. Pearl
0436	908 S. Forest	0742	204 E. Park
0437	904 S. Forest	0744	208 E. Park
0438	900 S. Forest	0831	Farm Machine Shop—between the James W. Neckers Building and the Forestry Research Laboratory
0442	903 S. Elizabeth	0832	Next to 0831 (above)
0448	814 S. Forest	0833	Next to 0832 (above)
0451	810 S. Forest	0834	Next to 0833 (above)
0452	808 S. Forest	0842	West of the Agriculture Building's north wing
0453	806 S. Forest	0843	Next to 0842 (above)
0461	811 S. Elizabeth	0857	Department of Design—east of the Communications Building on Lincoln Drive
0465	804 S. Elizabeth	0861	General Classrooms—southeast of the Communications Building on Lincoln Drive
0481	910 S. Elizabeth		
0483	1002 S. Elizabeth		
0485	1006 S. Elizabeth		
0486	1008 S. Elizabeth		
0487	1010 S. Elizabeth		
0495	600 W. Freeman		
0549	428 S. Washington		
0551	CESL		
0552	CESL		

0862	General Classrooms—next to 0861 (above)	0871	General Classrooms—southeast of the Communications Building on Lincoln Drive
0864	Northwest of the Agriculture Building's north wing	0875	General Classrooms—next to 0871
0865	Next to 0864 (above)	0889	901 West Chautauqua

### Explanation of Entries

- The entry for each course is arranged as follows:
- First Line: The course's identification number is followed by the short title and the number of quarter hours of credit.
  - Second Line: The prerequisite (if applicable).
  - Section-Number Lines: The first column lists section numbers for courses offered. Following each section number are the time the class begins and the time it ends. The days on which the class meets, the place where it meets, and the instructor's last name complete the entry.



# SCHEDULE OF GENERAL STUDIES COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
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## General Studies Area A—Man's Physical Environment and Biological Inheritance (GSA)

101	PHYSICS IN ENVIRON		04.0 CR	
1	10.00	M W F	PARK 124	NICKELL WM E
	10.00	TH	PARK 204	
2	10.00	M W F	PARK 124	
	12.00	TH	PARK 124	
3	12.00	M W F	PARK 124	
	08.00-09.50	T	PARK 317	
4	12.00	M W F	PARK 124	
	11.00-12.50	T	PARK 317	
5	12.00	M W F	PARK 124	
	02.00-03.50	T	PARK 317	
6	12.00	M W F	PARK 124	
	08.00-09.50	TH	PARK 317	
7	12.00	M W F	PARK 124	
	11.00-12.50	TH	PARK 317	
8	12.00	M W F	PARK 124	
	02.00-03.50	TH	PARK 317	
106	CHEM--NON-SCI MAJ		04.0 CR	
1	08.00	MT THF	NKRS B 440	ARNOLD R T
	08.00	W	NKRS C 116	
2	03.00	MT THF	NKRS B 240	BROWN G E
	03.00	W	NKRS C 218	
110	EARTH SCIENCE		04.0 CR -(ELECTIVE PASS/FAIL)	
1	11.00	M W F	PARK 124	FRANK CHARLES O
	08.00-09.50	T	PARK 213	
2	11.00	M W F	PARK 124	FRANK CHARLES O
	12.00-01.50	W	PARK 213	
3	11.00	M W F	PARK 124	FRANK CHARLES O
	02.00-03.50	TH	PARK 213	
4	11.00	M W F	PARK 124	FRANK CHARLES O
	04.00-05.50	F	PARK 213	
5	11.00	M W F	PARK 124	FRANK CHARLES O
	06.00-07.50 PM	T	PARK 213	
6	11.00	M W F	PARK 124	FRANK CHARLES O
	08.00-09.50 PM	W	PARK 213	
7	11.00	M W F	PARK 124	FRANK CHARLES O
	10.00-11.50	TH	PARK 213	
8	11.00	M W F	PARK 124	FRANK CHARLES O
	12.00-01.50	T	PARK 213	
9	11.00	M W F	PARK 124	FRANK CHARLES O
	02.00-03.50	W	PARK 213	
10	11.00	M W F	PARK 124	FRANK CHARLES O
	04.00-05.50	TH	PARK 213	
11	11.00	M W F	PARK 124	FRANK CHARLES O
	06.00-07.50 PM	TH	PARK 213	
12	11.00	M W F	PARK 124	FRANK CHARLES O
	08.00-09.50	T	PARK 213	
13	03.00	M W F	PARK 124	FRANK CHARLES O
	04.00-05.50	M	PARK 213	
14	03.00	M W F	PARK 124	FRANK CHARLES O
	10.00-11.50	T	PARK 213	
15	03.00	M W F	PARK 124	FRANK CHARLES O
	12.00-01.50	TH	PARK 213	
16	03.00	M W F	PARK 124	FRANK CHARLES O
	04.00-05.50	T	PARK 213	
17	03.00	M W F	PARK 124	FRANK CHARLES O
	06.00-07.50 PM	W	PARK 213	
18	03.00	M W F	PARK 124	FRANK CHARLES O
	08.00-09.50 PM	TH	PARK 213	
19	03.00	M W F	PARK 124	FRANK CHARLES O
	10.00-11.50	M	PARK 213	

20	03.00	M W F	PARK	124	FRANK CHARLES O
	12.00-01.50	M	PARK	213	
21	03.00	M W F	PARK	124	FRANK CHARLES O
	04.00-05.50	W	PARK	213	
22	03.00	M W F	PARK	124	FRANK CHARLES O
	12.00-01.50	F	PARK	213	
23	03.00	M W F	PARK	124	FRANK CHARLES O
	08.00-09.50	W	PARK	213	
24	03.00	M W F	PARK	124	FRANK CHARLES O
	10.00-11.50	F	PARK	213	
115A	INTRODUCT BIOLOGY		04.0	CR	
1	09.00	M W F	LAWSON	141	
	08.00-09.50	T	LS II	423	
2	09.00	M W F	LAWSON	141	
	01.00-02.50	M	LS II	423	
3	09.00	M W F	LAWSON	141	
	10.00-11.50	T	LS II	423	
4	09.00	M W F	LAWSON	141	
	01.00-02.50	W	LS II	423	
5	09.00	M W F	LAWSON	141	
	03.00-04.50	W	LS II	423	
6	09.00	M W F	LAWSON	141	
	10.00-11.50	F	LS II	423	
7	09.00	M W F	LAWSON	141	
	01.00-02.50	F	LS II	423	
8	09.00	M W F	LAWSON	141	
	03.00-04.50	M	LS II	423	
9	11.00	M W F	LS I	133	
	10.00-11.50	TH	LS II	423	
10	11.00	M W F	LS I	133	
	01.00-02.50	T	LS II	423	
11	11.00	M W F	LS I	133	
	03.00-04.50	T	LS II	423	
12	11.00	M W F	LS I	133	
	03.00-04.50	F	LS II	423	
13	11.00	M W F	LS I	133	
	08.00-09.50	F	LS II	423	
14	11.00	M W F	LS I	133	
	08.00-09.50	TH	LS II	423	
15	11.00	M W F	LS I	133	
	01.00-02.50	TH	LS II	423	
16	11.00	M W F	LS I	133	
	03.00-04.50	TH	LS II	423	
17	01.00	M W F	LAWSON	171	
	10.00-11.50	M	LS II	423	
18	01.00	M W F	LAWSON	171	
	10.00-11.50	W	LS II	423	
19	01.00	M W F	LAWSON	171	
	08.00-09.50	M	LS II	423	
20	01.00	M W F	LAWSON	171	
	08.00-09.50	W	LS II	423	
115B	INTRODUCT BIOLOGY		04.0	CR	
	PREREQ GSA 115A				
1	10.00	T TH	LS I	133	
	12.00-01.50	M F	LS II	257	
2	10.00	T TH	LS I	133	
	02.00-03.50	M F	LS II	257	
3	10.00	T TH	LS I	133	
	02.00-03.50	T TH	LS II	269	
4	10.00	T TH	LS I	133	
	12.00-01.50	T TH	LS II	257	
5	10.00	T TH	LS I	133	
	02.00-03.50	T TH	LS II	257	
6	10.00	T TH	LS I	133	
	04.00-05.50	T TH	LS II	257	
7	10.00	T TH	LS I	133	
	10.00-11.50	W F	LS II	257	
8	10.00	T TH	LS I	133	
	08.00-09.50	W F	LS II	257	



9	02.00	T TH	LAWSON	161	
	12.00-01.50	M F	LS II	269	
10	02.00	T TH	LAWSON	161	
	02.00-03.50	M F	LS II	269	
11	02.00	T TH	LAWSON	161	
	08.00-09.50	T TH	LS II	269	
12	02.00	T TH	LAWSON	161	
	10.00-11.50	T TH	LS II	269	
13	02.00	T TH	LAWSON	161	
	12.00-01.50	T TH	LS II	269	
14	02.00	T TH	LAWSON	161	
	08.00-09.50	T TH	LS II	257	
15	02.00	T TH	LAWSON	161	
	08.00-09.50	W F	LS II	269	
16	02.00	T TH	LAWSON	161	
	10.00-11.50	W F	LS II	269	
17	02.00	T TH	LAWSON	161	
	10.00-11.50	T TH	LS II	257	
202	INTRO TO SPACE SCI		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	H.S. PHYS OR ONE OF GSA	101, PHYS 111, 206A OR 211A		
1	09.00	MT TH	LAWSON	121	SANDERS FRANK
	09.00	F	NKRS C	403	
2	09.00	MT TH	LAWSON	121	SANDERS FRANK
	09.00	F	NKRS C	403	
3	09.00	MT TH	LAWSON	121	SANDERS FRANK
	09.00	F	NKRS C	403	
4	02.00	M W	NKRS B	440	SANDERS FRANK
	02.00	TH	LAWSON	101	
	02.00	T	NKRS C	403	
5	02.00	M W	NKRS B	440	SANDERS FRANK
	02.00	TH	LAWSON	101	
	02.00	T	NKRS C	403	
6	02.00	M W	NKRS B	440	SANDERS FRANK
	02.00	TH	LAWSON	101	
	02.00	T	NKRS C	403	
209	PRIN OF PHYSIOLOGY		04.0 CR		
1	10.00	M W F	LS I	133	WARNER ALEXANDER C
	03.00-04.50	M	LS II	149	
2	10.00	M W F	LS I	133	WARNER ALEXANDER C
	11.00-12.50	T	LS II	149	
3	10.00	M W F	LS I	133	WARNER ALEXANDER C
	11.00-12.50	TH	LS II	149	
4	10.00	M W F	LS I	133	WARNER ALEXANDER C
	12.00-01.50	M	LS II	149	
5	10.00	M W F	LS I	133	WARNER ALEXANDER C
	08.00-09.50	M	LS II	149	
6	10.00	M W F	LS I	133	WARNER ALEXANDER C
	08.00-09.50	W	LS II	149	
7	10.00	M W F	LS I	133	WARNER ALEXANDER C
	02.00-03.50	W	LS II	149	
8	10.00	M W F	LS I	133	WARNER ALEXANDER C
	11.00-12.50	W	LS II	149	
9	01.00	M W F	LS I	133	STRACK LOUIS E
	10.00-11.50	M	LS II	149	
10	01.00	M W F	LS I	133	STRACK LOUIS E
	02.00-03.50	T	LS II	149	
11	01.00	M W F	LS I	133	STRACK LOUIS E
	11.00-12.50	F	LS II	149	
12	01.00	M W F	LS I	133	STRACK LOUIS E
	08.00-09.50	T	LS II	149	
13	01.00	M W F	LS I	133	STRACK LOUIS E
	08.00-09.50	TH	LS II	149	
14	01.00	M W F	LS I	133	STRACK LOUIS E
	01.00-02.50	TH	LS II	149	
15	01.00	M W F	LS I	133	STRACK LOUIS E
	08.00-09.50	F	LS II	149	
16	01.00	M W F	LS I	133	STRACK LOUIS E
	02.00-03.50	F	LS II	149	

## 220A SURVIVAL OF MAN

04.0 CR

1	10.00	MT TH	LAWSON	151
	08.00	M	AG	144
2	10.00	MT TH	LAWSON	151
	08.00	T	AG	144
3	10.00	MT TH	LAWSON	151
	09.00	M	AG	150
4	10.00	MT TH	LAWSON	151
	03.00	M	AG	225
5	10.00	MT TH	LAWSON	151
	01.00		F AG	152
6	10.00	MT TH	LAWSON	151
	02.00	T	AG	148
7	10.00	MT TH	LAWSON	151
	02.00	TH	AG	148
8	10.00	MT TH	LAWSON	151
	01.00	T	AG	150
9	10.00	MT TH	LAWSON	151
	03.00	T	AG	225
10	10.00	MT TH	LAWSON	151
	03.00	TH	AG	225
11	11.00	MT TH	LAWSON	151
	01.00	TH	AG	224
12	11.00	MT TH	LAWSON	151
	03.00	W	AG	152
13	11.00	MT TH	LAWSON	151
	02.00	T	AG	152
14	11.00	MT TH	LAWSON	151
	09.00	T	AG	150
15	11.00	MT TH	LAWSON	151
	09.00	W	AG	150
16	11.00	MT TH	LAWSON	151
	11.00	W	0862	101
17	11.00	MT TH	LAWSON	151
	09.00	TH	AG	148
18	11.00	MT TH	LAWSON	151
	01.00	W	AG	150
19	11.00	MT TH	LAWSON	151
	02.00	W	AG	154
20	11.00	MT TH	LAWSON	151
	11.00	W	0871	101

## 220B SURVIVAL OF MAN

04.0 CR

1	02.00	MT TH	LAWSON	171
	02.00		F AG	116
2	02.00	MT TH	LAWSON	171
	09.00		F AG	154
3	02.00	MT TH	LAWSON	171
	02.00	W	AG	170
4	02.00	MT TH	LAWSON	171
	12.00	M	AG	144
5	02.00	MT TH	LAWSON	171
	04.00	W	AG	116
6	02.00	MT TH	LAWSON	171
	08.00	TH	AG	144
7	02.00	MT TH	LAWSON	171
	09.00	T	AG	148
8	02.00	MT TH	LAWSON	171
	02.00		F AG	170
9	02.00	MT TH	LAWSON	171
	01.00		F AG	148
10	02.00	MT TH	LAWSON	171
	12.00	T	AG	222
11	03.00	MT TH	LAWSON	171
	12.00	TH	AG	222
12	03.00	MT TH	LAWSON	171
	12.00	W	AG	224
13	03.00	MT TH	LAWSON	171
	01.00	T	AG	152



14	03.00	MT TH	LAWSON	171	
	08.00	TH	AG	188	
15	03.00	MT TH	LAWSON	171	
	10.00	F	AG	154	
16	03.00	MT TH	LAWSON	171	
	04.00	M	AG	150	
17	03.00	MT TH	LAWSON	171	
	03.00	W	AG	222	
18	03.00	MT TH	LAWSON	171	
	03.00	F	AG	222	
19	03.00	MT TH	LAWSON	171	
	03.00	F	AG	116	
20	03.00	MT TH	LAWSON	171	
	04.00	TH	AG	222	
302	BIOLOGICAL PSYCH		03.0	CR	
1	01.00	M W F	LAWSON	231	LONOWSKI DAN
303	WILD FLOWERS		03.0	CR	
1	08.00	T	LS II	453	
	08.00-11.50	M	LS II	404	
2	09.00	T	LS II	453	
	08.00-11.50	F	LS II	404	
3	09.00	TH	LS II	453	
	08.00-11.50	W	LS II	404	
4	09.00	W	LS II	480	
	08.00-11.50	M	LS II	480	
5	09.00	TH	LS II	480	
	08.00-11.50	T	LS II	480	
6	10.00	F	LS II	453	
	01.00-04.50	W	LS II	480	
7	03.00	T	LS II	404	
	01.00-04.50	F	LS II	480	
8	03.00	W	LS II	404	
	01.00-04.50	M	LS II	404	
312	CONS OF NATURAL RES		03.0	CR	
1	02.00	M W F	LAWSON	161	LEFEBVRE EUGENE A
313	EVOLUTION		03.0	CR	
1	11.00	M W F	LAWSON	231	STAINS HOWARD JAMES
322	INTR TO ROCKS & MIN		03.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00	T TH	PARK	111	ROBINSON PAUL
	08.00-09.50	F	PARK	112	
2	09.00	T TH	PARK	111	ROBINSON PAUL
	10.00-11.50	F	PARK	112	
3	09.00	T TH	PARK	111	ROBINSON PAUL
	12.00-01.50	F	PARK	112	
330	WEATHER		03.0	CR	
1	TO BE ARRANGED				JONES DAVID L
	SEE NOTE BELOW				

GSA 330, Section 1, is taught as a Condensed Module Lecture in the Self Instruction Center of Morris Library.

2	09.00-10.50	M	LAWSON	171	JONES DAVID L
	02.00-03.50	W	AG	150	
3	09.00-10.50	M	LAWSON	171	JONES DAVID L
	08.00-09.50	TH	AG	150	
4	09.00-10.50	M	LAWSON	171	JONES DAVID L
	10.00-11.50	TH	AG	150	
5	09.00-10.50	M	LAWSON	171	JONES DAVID L
	12.00-01.50	TH	AG	150	
6	09.00-10.50	M	LAWSON	171	JONES DAVID L
	02.00-03.50	TH	AG	150	
7	09.00-10.50	M	LAWSON	171	JONES DAVID L
	08.00-09.50	F	AG	150	
8	09.00-10.50	M	LAWSON	171	JONES DAVID L
	10.00-11.50	F	AG	150	
9	09.00-10.50	M	LAWSON	171	JONES DAVID L
	12.00-01.50	F	AG	150	
10	09.00-10.50	M	LAWSON	171	
	02.00-03.50	F	AG	150	

340	ECOLOGY			03.0 CR -(ELECTIVE PASS/FAIL)	
1	11.00	M W F	TECH A	111	
2	01.00	M W F	TECH A	111	
356	CREAT IN SCI & TECH		04.0 CR		
1	04.00	MTWTH	TECH A	420	
361	ACOUSTICS OF MUSIC		03.0 CR		
1	09.00	M W F	LAWSON	131	GORDON RODERICK D

General Studies Area B—Man's Social Inheritance and Social  
Responsibilities (GSB)

103	GEOG MANS ENVIR			04.0 CR	
1	09.00	T TH	LAWSON	171	AREY DAVID
	10.00	T TH	AG	220	
2	09.00	T TH	LAWSON	171	AREY DAVID
	11.00	T TH	AG	220	
3	09.00	T TH	LAWSON	171	AREY DAVID
	12.00	T TH	AG	220	
4	09.00	T TH	LAWSON	171	AREY DAVID
	01.00	T TH	AG	220	
5	09.00	T TH	LAWSON	171	AREY DAVID
	02.00	T TH	AG	220	
6	09.00	T TH	LAWSON	171	AREY DAVID
	03.00	T TH	AG	220	
7	09.00	T TH	LAWSON	171	AREY DAVID
	03.00	T TH	AG	116	
8	09.00	T TH	LAWSON	171	AREY DAVID
	08.00	W F	AG	220	
9	09.00	T TH	LAWSON	171	AREY DAVID
	09.00	W F	AG	220	
10	09.00	W F	LAWSON	171	WELSH MICHAEL
	10.00	M W	AG	220	
11	09.00	W F	LAWSON	171	WELSH MICHAEL
	11.00	M W	AG	220	
12	09.00	W F	LAWSON	171	WELSH MICHAEL
	12.00	M W	AG	220	
13	09.00	W F	LAWSON	171	WELSH MICHAEL
	01.00	M W	AG	220	
14	09.00	W F	LAWSON	171	WELSH MICHAEL
	02.00	M W	AG	220	
15	09.00	W F	LAWSON	171	WELSH MICHAEL
	03.00	M W	AG	220	
16	09.00	W F	LAWSON	171	WELSH MICHAEL
	03.00	M W	AG	224	
17	09.00	W F	LAWSON	171	WELSH MICHAEL
	08.00	T TH	AG	220	
18	09.00	W F	LAWSON	171	WELSH MICHAEL
	09.00	T TH	AG	220	
19	11.00	MTWTH	0486	101	
ABOVE SECTION - RESTRICTED TO PRES SCHOLARS					

104	MAN & HIS WRLD-ANTH			04.0 CR	
1	10.00	TW F	LAWSON	171	TYZZER
	01.00	M	H EC	306	
2	10.00	TW F	LAWSON	171	TYZZER
	02.00	M	H EC	306	
3	10.00	TW F	LAWSON	171	TYZZER
	03.00	M	H EC	306	
4	10.00	TW F	LAWSON	171	TYZZER
	04.00	M	H EC	306	
5	10.00	TW F	LAWSON	171	TYZZER
	01.00	F	H EC	306	
6	10.00	TW F	LAWSON	171	TYZZER
	02.00	F	H EC	306	
7	10.00	TW F	LAWSON	171	TYZZER
	03.00	F	H EC	306	
8	10.00	TW F	LAWSON	171	TYZZER
	01.00	T	H EC	306	



9	10.00	TW	F	LAWSON	171	TYZZER	
	08.00	W		H EC	306		
10	10.00	TW	F	LAWSON	171	TYZZER	
	03.00	T		H EC	306		
11	10.00	TW	F	LAWSON	171	TYZZER	
	12.00	W		H EC	306		
12	10.00	TW	F	LAWSON	171	TYZZER	
	11.00	W		H EC	306		
13	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	08.00	T		H EC	306		
14	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	09.00	T		H EC	306		
15	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	10.00	T		H EC	306		
16	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	11.00	T		H EC	306		
17	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	12.00	T		H EC	306		
18	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	10.00	W		H EC	306		
19	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	01.00	W		H EC	306		
20	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	02.00	W		H EC	306		
21	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	03.00	W		H EC	306		
22	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	04.00	W		H EC	306		
23	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	08.00	TH		H EC	306		
24	12.00	M W	F	LAWSON	141	TAYLOR WALTER	W
	09.00	TH		H EC	306		
25	12.00	M WTHF		H EC	122	HANDLER	JEROME
ABOVE SECT RESTR TO PRES SCHOLARS							
26	02.00	M W	F	LAWSON	141	MARING	JOEL
	09.00	W		H EC	306		
27	02.00	M W	F	LAWSON	141	MARING	JOEL
	08.00	M		H EC	306		
28	02.00	M W	F	LAWSON	141	MARING	JOEL
	09.00	M		H EC	306		
29	02.00	M W	F	LAWSON	141	MARING	JOEL
	10.00	M		H EC	306		
30	02.00	M W	F	LAWSON	141	MARING	JOEL
	11.00	M		H EC	306		
31	02.00	M W	F	LAWSON	141	MARING	JOEL
	12.00	M		H EC	306		
32	02.00	M W	F	LAWSON	141	MARING	JOEL
	10.00	TH		H EC	306		
33	02.00	M W	F	LAWSON	141	MARING	JOEL
	11.00	TH		H EC	306		
34	02.00	M W	F	LAWSON	141	MARING	JOEL
	08.00	F		H EC	306		
35	02.00	M W	F	LAWSON	141	MARING	JOEL
	09.00	F		H EC	306		
36	02.00	M W	F	LAWSON	141	MARING	JOEL
	10.00	F		H EC	306		
37	02.00	M W	F	LAWSON	141	MARING	JOEL
	11.00	F		H EC	306		
105	CONTEMPORARY WORLD			04.0	CR		
1	10.00	M W		LAWSON	101	ODAY	EDWARD
	10.00		F	LAWSON	221	ODAY	EDWARD
	02.00	T		H EC	104		
2	10.00	M W		LAWSON	101	ODAY	EDWARD
	10.00		F	LAWSON	221	ODAY	EDWARD
	12.00		F	H EC	306		
3	10.00	M W		LAWSON	101	ODAY	EDWARD
	10.00		F	LAWSON	221	ODAY	EDWARD
	04.00	T		H EC	306		

4	10.00	M W	LAWSON	101	ODAY EDWARD
	10.00	F	LAWSON	221	ODAY EDWARD
	10.00	T	H EC	120	
5	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	08.00	T	0875	101	
6	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	09.00	F	H EC	102	
7	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	01.00	F	H EC	206	
8	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	01.00	T	PULL	119	
9	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	12.00	W	PULL	119	
10	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	01.00	TH	H EC	206	
ABOVE SECT RESTR TO PRES SCHOLARS					
11	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	02.00	T	PULL	119	
12	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	03.00	F	PULL	37	
13	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	08.00	M	PULL	37	
14	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	11.00	T	PULL	119	
15	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	12.00	T	PULL	119	
16	01.00	M W F	LAWSON	141	BARTON H ARNOLD
	09.00	T	PULL	41	
109	INTRO-BLACK AMERICA			04.0 CR	
1	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	PARK	301	
2	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	AG	152	
3	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	PIERCE	130	
4	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	TECH A	122	
5	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	BAILEY	130	
6	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	BROWN	130	
7	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	ARENA	123	
8	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	FELTS	130	
9	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	H EC	3	
10	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	WHAM	228	
11	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	WHAM	212	
12	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	LS II	330	
13	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	NKRS C	116	
14	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	NKRS A	156	
15	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	TECH A	120	
16	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	TECH A	222	
17	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	PULL	310	
18	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	TECH A	410	
19	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	TECH A	422	
20	06.00	PM M W	LAWSON	151	PATTERSON RUBY L
	03.00-04.50	TH	0871	101	



## 202 INTRO TO PSYCHOLOGY

04.0 CR

1	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	TH	PULL	119	
2	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50	TH	PULL	119	
3	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50	TH	PULL	119	
4	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	02.00-03.50	TH	PULL	119	
5	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	04.00-05.50	TH	PULL	119	
6	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	06.00-07.50 PM	TH	PULL	119	
7	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	F	PULL	119	
8	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50	F	PULL	119	
9	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50	F	PULL	119	
10	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	02.00-03.50	F	PULL	119	
11	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	TH	PULL	118	
12	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50	TH	PULL	118	
13	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50	TH	PULL	118	
14	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	02.00-03.50	TH	PULL	118	
15	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	04.00-05.50	TH	PULL	118	
16	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	06.00-07.50 PM	TH	PULL	118	
17	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50	F	PULL	118	
18	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50	F	PULL	118	
19	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50	F	PULL	118	
20	04.00	M W	LAWSON	141	CARRIER NEIL ALAN
	02.00-03.50	F	PULL	118	
21	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	08.00-09.50	TH	PULL	39	
22	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	10.00-11.50	TH	PULL	39	
23	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	12.00-01.50	TH	PULL	39	
24	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	02.00-03.50	TH	PULL	39	
25	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	04.00-05.50	TH	PULL	39	
26	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	06.00-07.50 PM	TH	PULL	39	
27	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	08.00-09.50	F	PULL	39	
28	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	10.00-11.50	F	PULL	39	
29	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	12.00-01.50	F	PULL	39	
30	06.00-07.50 PM	W	LAWSON	141	HOWARD GEORGE
	02.00-03.50	F	PULL	39	

## 203 THE SOC PERSPECTIVE

04.0 CR

1	09.00	T TH	PARK	124	DUBECK PAULA
	08.00	M W	LS II	250	
2	09.00	T TH	PARK	124	DUBECK PAULA
	10.00	T TH	0875	102	
3	09.00	T TH	PARK	124	DUBECK PAULA
	08.00	M TH	0875	101	

4	09.00	T TH	PARK	124	DUBECK PAULA
	09.00	W F	CL	109	
5	09.00	T TH	PARK	124	DUBECK PAULA
	09.00	W F	0875	102	
6	09.00	T TH	PARK	124	DUBECK PAULA
	11.00	T TH	AG	168	
7	09.00	T TH	PARK	124	DUBECK PAULA
	12.00	T F	WHAM	208	
8	09.00	T TH	PARK	124	DUBECK PAULA
	01.00	T TH	0861	102	
9	11.00	M W	WHAM	105	MEDDIN JAY
	08.00	W F	0875	101	
10	11.00	M W	WHAM	105	MEDDIN JAY
	10.00	M W	0875	102	
11	11.00	M W	WHAM	105	MEDDIN JAY
	08.00	W F	0875	102	
12	11.00	M W	WHAM	105	MEDDIN JAY
	11.00	T TH	0862	102	
ABOVE SECTION RESTR TO PRESIDENT SCHOLAR					
13	11.00	M W	WHAM	105	MEDDIN JAY
	12.00	T TH	WHAM	201	
14	11.00	M W	WHAM	105	MEDDIN JAY
	01.00	W F	AG	224	
15	11.00	M W	WHAM	105	MEDDIN JAY
	12.00	T TH	AG	224	
16	11.00	M W	WHAM	105	MEDDIN JAY
	02.00	M W	AG	224	
17	02.00	T TH	LAWSON	141	PATTERSON EDGAR
	08.00	M TH	WHAM	205	
18	02.00	T TH	LAWSON	141	PATTERSON EDGAR
	09.00	M TH	0875	102	
19	02.00	T TH	LAWSON	141	PATTERSON EDGAR
	11.00	T TH	LS II	146	
20	02.00	T TH	LAWSON	141	PATTERSON EDGAR
	12.00	M TH	WHAM	208	
21	02.00	T TH	LAWSON	141	PATTERSON EDGAR
	02.00	M W	LS II	146	
22	02.00	T TH	LAWSON	141	PATTERSON EDGAR
	02.00	W F	WHAM	208	
23	02.00	T TH	LAWSON	141	PATTERSON EDGAR
	03.00	M W	LS II	146	
24	02.00	T TH	LAWSON	141	PATTERSON EDGAR
	03.00	T F	LS II	146	
25	07.35-09.15 PM	M W	LAWSON	131	
211	POLITICAL ECONOMY		04.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00	MTW F	LAWSON	161	RUSSELL MILTON R
212	AM GOVT & POLITICS		04.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	08.00	TH	WHAM	317	
2	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	08.00	T	WHAM	317	
3	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	09.00	T	WHAM	112	
4	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	09.00	T	WHAM	329	
5	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	10.00	T	AG	188	
6	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	10.00	TH	ABBOTT	129	
7	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	10.00	T	WHAM	326	
8	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	10.00	TH	AG	214	
9	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	11.00	T	PULL	118	
10	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	09.00	TH	0871	101	
11	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	09.00	TH	AG	170	



12	10.00	M W F	LAWSON	141	JACKSON JOHN S III
	11.00	TH	WHAM	312	
13	12.00	MT THF	WHAM	329	
14	02.00	M W F	WHAM	105	BROH TONY
	01.00	T	WHAM	329	
15	02.00	M W F	WHAM	105	BROH TONY
	01.00	TH	WHAM	319	
16	02.00	M W F	WHAM	105	BROH TONY
	02.00	T	WHAM	328	
17	02.00	M W F	WHAM	105	BROH TONY
	02.00	TH	0871	101	
18	02.00	M W F	WHAM	105	BROH TONY
	03.00	TH	CL	24	
19	02.00	M W F	WHAM	105	BROH TONY
	02.00	TH	AG	170	
20	02.00	M W F	WHAM	105	BROH TONY
	01.00	T	WHAM	317	
21	02.00	M W F	WHAM	105	BROH TONY
	02.00	T	WHAM	317	
22	05.45-07.25	M W	WHAM	201	
23	05.45-07.25	T TH	WHAM	201	
24	07.35-09.15 PM	M W	WHAM	201	
25	07.35-09.15 PM	T TH	WHAM	201	
220A	SURVIVAL OF MAN		04.0	CR	
1	10.00	MT TH	LAWSON	151	
	08.00	M	AG	144	
2	10.00	MT TH	LAWSON	151	
	08.00	T	AG	144	
3	10.00	MT TH	LAWSON	151	
	09.00	M	AG	150	
4	10.00	MT TH	LAWSON	151	
	03.00	M	AG	225	
5	10.00	MT TH	LAWSON	151	
	01.00	F	AG	152	
6	10.00	MT TH	LAWSON	151	
	02.00	T	AG	148	
7	10.00	MT TH	LAWSON	151	
	02.00	TH	AG	148	
8	10.00	MT TH	LAWSON	151	
	01.00	T	AG	150	
9	10.00	MT TH	LAWSON	151	
	03.00	T	AG	225	
10	10.00	MT TH	LAWSON	151	
	03.00	TH	AG	225	
11	11.00	MT TH	LAWSON	151	
	01.00	TH	AG	224	
12	11.00	MT TH	LAWSON	151	
	03.00	W	AG	152	
13	11.00	MT TH	LAWSON	151	
	02.00	T	AG	152	
14	11.00	MT TH	LAWSON	151	
	09.00	T	AG	150	
15	11.00	MT TH	LAWSON	151	
	09.00	W	AG	150	
16	11.00	MT TH	LAWSON	151	
	11.00	W	0862	101	
17	11.00	MT TH	LAWSON	151	
	09.00	TH	AG	148	
18	11.00	MT TH	LAWSON	151	
	01.00	W	AG	150	
19	11.00	MT TH	LAWSON	151	
	02.00	W	AG	154	
20	11.00	MT TH	LAWSON	151	
	11.00	W	0871	101	
220B	SURVIVAL OF MAN		04.0	CR	
1	02.00	MT TH	LAWSON	171	
	02.00	F	AG	116	
2	02.00	MT TH	LAWSON	171	
	09.00	F	AG	154	

3	02.00	MT TH	LAWSON	171	
	02.00	W	AG	170	
4	02.00	MT TH	LAWSON	171	
	12.00	M	AG	144	
5	02.00	MT TH	LAWSON	171	
	04.00	W	AG	116	
6	02.00	MT TH	LAWSON	171	
	08.00	TH	AG	144	
7	02.00	MT TH	LAWSON	171	
	09.00	T	AG	148	
8	02.00	MT TH	LAWSON	171	
	02.00	F	AG	170	
9	02.00	MT TH	LAWSON	171	
	01.00	F	AG	148	
10	02.00	MT TH	LAWSON	171	
	12.00	T	AG	222	
11	03.00	MT TH	LAWSON	171	
	12.00	TH	AG	222	
12	03.00	MT TH	LAWSON	171	
	12.00	W	AG	224	
13	03.00	MT TH	LAWSON	171	
	01.00	T	AG	152	
14	03.00	MT TH	LAWSON	171	
	08.00	TH	AG	188	
15	03.00	MT TH	LAWSON	171	
	10.00	F	AG	154	
16	03.00	MT TH	LAWSON	171	
	04.00	M	AG	150	
17	03.00	MT TH	LAWSON	171	
	03.00	W	AG	222	
18	03.00	MT TH	LAWSON	171	
	03.00	F	AG	222	
19	03.00	MT TH	LAWSON	171	
	03.00	F	AG	116	
20	03.00	MT TH	LAWSON	171	
	04.00	TH	AG	222	
299C	CHANGE WORLD WORK		04.0	CR	-(MANDATORY PASS/FAIL)
1	08.00-09.50	T TH	LAWSON	131	
300A	UNITED STATES HIST		03.0	CR	
1	09.00	MT TH	LAWSON	151	BATINSKI MICHAEL
2	06.00-07.25 PM	M W	LAWSON	131	HOYT ROBERT
300B	UNITED STATES HIST		03.0	CR	
1	12.00	M WTH	LAWSON	161	FLADELAND BETTY
2	02.00	M W F	LAWSON	201	JAMES FELIX
300C	UNITED STATES HIST		03.0	CR	
1	11.00	MT TH	LAWSON	161	HOYT ROBERT
2	01.00	MT TH	WHAM	105	ALLEN HOWARD W
302	LAW CIVIL RIGHTS		03.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00	MT TH	WHAM	112	LAUGHLIN QONNIE
306	CHILD DEVELOPMENT		03.0	CR	
1	11.00	T THF	WHAM	105	FLYNN TIMOTHY M
310A	CURRENT EVENTS		01.0	CR	
1	10.00	F	LAWSON	151	FORD JAMES L C
310B	CURRENT EVENTS		02.0	CR	
1	10.00	F	LAWSON	151	FORD JAMES L C
	12.00	F	AG	222	
2	10.00	F	LAWSON	151	FORD JAMES L C
	08.00	W	COMM	1022	
3	10.00	F	LAWSON	151	FORD JAMES L C
	01.00	TH	COMM	1018	
4	10.00	F	LAWSON	151	FORD JAMES L C
	02.00	T	COMM	1022	
5	10.00	F	LAWSON	151	FORD JAMES L C
	09.00	W	AG	188	
6	10.00	F	LAWSON	151	FORD JAMES L C
	03.00	M	AG	116	
7	10.00	F	LAWSON	151	FORD JAMES L C
	10.00	T	AG	150	



8	10.00		F	LAWSON	151	FORD JAMES L C
	11.00		TH	AG	148	
311	ECON DEV OF W CIVIL			04.0	CR	-(ELECTIVE PASS/FAIL)
1	04.00	MTWTH		CL	328	ADAMS D
312	COMPAR ECON SYSTEMS			03.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 211A OR 215				
1	03.00	MT TH		AG	144	FORD A
321	SOCIALIZAT OF INDIV			03.0	CR	
1	09.00	M TH		0861	102	HENDRIX LEWELLYN
	09.00	T		0871	101	
2	11.00	MTW		WHAM	206	KULMAN KENNETH
3	03.00	M WTH		LS II	350	MALHOTRA-HAMMOND V
4	04.00	M WTH		WHAM	203	MALHOTRA-HAMMOND V
5	07.00-09.30 PM	M		CL	24	MALHOTRA-HAMMOND V
325	RACE & MIN RELATION			03.0	CR	
1	10.00	TWTH		LS II	450	BROOKS MELVIN S
331	AMER ED SYSTEM			03.0	CR	
1	09.00	M W F		WHAM	202	
2	10.00	M W F		WHAM	202	
3	11.00	M W F		WHAM	321	
4	01.00	M W F		WHAM	205	
5	02.00	M W F		WHAM	329	
6	06.00-07.25 PM	T TH		WHAM	205	
341	MARRIAGE			03.0	CR	
1	11.00	M W F		0871	102	SEWARD RUDY
2	12.00	M W F		WHAM	201	BOOTH GERALD
3	02.00	M W F		LS II	250	BOOTH GERALD
345	INTR TO AM FGN POL			03.0	CR	-(ELECTIVE PASS/FAIL)
1	02.00	M W F		WHAM	308	LANDECKER MANFRED
346	CONSUM CHOICE-BEHAV			03.0	CR	
1	02.00	MT TH		H EC	206	DAY JOANNE
355	GEOG OF U S			03.0	CR	
1	01.00	M		LAWSON	221	CARTER DOUGLAS
	01.00	T TH		LAWSON	231	
361	FUND OF DECIS MAKE			03.0	CR	
	PREREQ	JR STANDING, MATH 111A,B OR GS D 108A,B				
1	03.00	M W F		TECH A	111	
385	CONTEMP POL ISMS			03.0	CR	-(ELECTIVE PASS/FAIL)
1	12.00	MT TH		WHAM	112	KAMARASY EGON
390	INTR TO COMP GOVT			04.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00	MT THF		0495	219	MORRIS MILTON
2	02.00	MTWTH		0495	219	LEVINE MARK

General Studies Area C—Man's Insights and Appreciations  
(GSC)

100	MUSIC UNDERSTANDING			03.0	CR	-(ELECTIVE PASS/FAIL)
1	11.00	M W F		LAWSON	131	FLOYD
2	01.00	M W F		LAWSON	131	NADAF
3	04.00	M W F		LAWSON	131	EDDINS
101	ART APPRECIATION			03.0	CR	
1	10.00	M W F		LAWSON	161	GRAUBNER ERNEST
102	PROB-MORAL DEC-PHIL			03.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00	T TH		LAWSON	161	SCHILPP PAUL A
	08.00	M		H EC	120	
2	10.00	T TH		LAWSON	161	SCHILPP PAUL A
	01.00	TH		WHAM	329	
3	10.00	T TH		LAWSON	161	SCHILPP PAUL A
	03.00	T		H EC	104	
4	10.00	T TH		LAWSON	161	SCHILPP PAUL A
	03.00	TH		H EC	208	
5	10.00	T TH		LAWSON	161	SCHILPP PAUL A
	08.00	TH		H EC	104	
6	10.00	T TH		LAWSON	161	SCHILPP PAUL A
	09.00	W		H EC	104	
7	10.00	T TH		LAWSON	161	SCHILPP PAUL A
	10.00	F		H EC	102	

8	10.00	T TH	LAWSON	161	SCHILPP PAUL A
	11.00	T	H EC	201	
9	10.00	T TH	LAWSON	161	SCHILPP PAUL A
	12.00	F	H EC	202	
10	10.00	T TH	LAWSON	161	SCHILPP PAUL A
	10.00	F	H EC	122	
11	10.00	T TH	LAWSON	161	SCHILPP PAUL A
	01.00	TH	GYM	203	
12	10.00	T TH	LAWSON	161	SCHILPP PAUL A
	09.00	TH	H EC	118	
13	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	01.00	F	H EC	120	
14	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	03.00	W	H EC	208	
15	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	02.00	T	H EC	208	
16	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	08.00	TH	H EC	106	
17	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	09.00	W	0871	102	
18	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	10.00	TH	H EC	202	
19	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	02.00	TH	H EC	208	
20	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	12.00	TH	H EC	208	
21	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	01.00	T	H EC	118	
22	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	02.00	T	WHAM	326	
23	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	03.00	TH	0720	109	
24	02.00	M W	LAWSON	151	MITUSKOVIC BEN L
	08.00	F	H EC	106	
25	03.00	M W F	H EC	120	
ABOVE SECTION RESTR TO PRES SCHOLARS					
107	MAN, LEISURE & REC			03.0 CR	
1	08.00	MT TH	PARK	124	TAYLOR LOREN E
120C	ELEMENTARY CHINESE			03.0 CR	
	PREREQ GSC 120B				
1	10.00	M W F	WHLR	207	TAI JAMES H-Y
	10.00	TH	0720	121	TAI JAMES H-Y
SEE CHIN LISTING FOR CHIN CONVERSATION					
2	01.00	M W F	WHLR	207	PUNG GRACE
	01.00	TH	0720	121	PUNG GRACE
SEE CHIN LISTING FOR CHIN CONVERSATION					
123A	ELEMENTARY FRENCH			03.0 CR	
1	11.00	M W F	H EC	104	
	11.00	TH	WHLR	18	
2	02.00	M W F	WHLR	212	
	02.00	TH	0720	121	
3	04.00	T THF	WHLR	214	
	04.00	M	WHLR	18	
123B	ELEMENTARY FRENCH			03.0 CR	
	PREREQ GSC 123A				
1	08.00	T THF	WHLR	113	
	08.00	M	WHLR	18	
2	09.00	M W F	PIERCE	130	
	09.00	T	WHLR	18	
3	12.00	T THF	PULL	310	
	12.00	M	WHLR	18	
4	02.00	T TH	WHLR	113	
	02.00	F	WHLR	107	
	02.00	M	WHLR	18	
SEE FR LISTING FOR FR CONVERSATION					
123C	ELEMENTARY FRENCH			03.0 CR	
	PREREQ GSC 123B				
1	08.00	TW F	AG	188	
	08.00	M	WHLR	18	



2	09.00	M W F	LS II	330	
	09.00	T	WHLR	18	
ABOVE SECT IS SPECIAL READING SECTION					
3	11.00	M W	WHLR	107	
	11.00	TH	WHLR	212	
	11.00	F	WHLR	18	
4	12.00	M	H EC	201	
	12.00	T	WHLR	18	
	12.00	W F	WHLR	212	
5	01.00	M W F	H EC	118	
	01.00	TH	WHLR	18	
6	02.00	T THF	H EC	120	
	02.00	M	WHLR	18	
7	06.00-07.25 PM	T TH	H EC	201	
	07.35-08.25 PM	T	WHLR	18	
126A	ELEMENTARY GERMAN			03.0 CR	
1	08.00	MT F	H EC	104	
	08.00	W	WHLR	18	
2	01.00	M W F	0720	105	
	01.00	T	WHLR	18	
3	04.00	M W F	WHLR	207	
	04.00	TH	WHLR	18	
SECTION 3 RESTR TO NO GER KNOWLEDGE					
126B	ELEMENTARY GERMAN			03.0 CR	
	PREREQ GSC 126A				
1	08.00	M THF	WHLR	214	
	08.00	W	WHLR	18	
2	10.00	M W F	0720	104	
	10.00	TH	WHLR	18	
3	12.00	M WTH	GYM	204	
	12.00	F	WHLR	18	
4	02.00	M W F	WHLR	113	
	02.00	TH	WHLR	18	
5	04.00	M WTH	WHLR	212	
	04.00	F	WHLR	18	
SEE GER LISTING FOR GER CONVERSATION					
126C	ELEMENTARY GERMAN			03.0 CR	
	PREREQ GSC 126B				
1	08.00	M W F	WHLR	212	
	08.00	T	WHLR	18	
2	09.00	TW	PULL	119	
	09.00	M	WHLR	18	
	09.00	F	WHLR	107	
3	10.00	TW F	WHLR	113	
	10.00	TH	WHLR	18	
4	11.00	M W F	TECH A	410	
	11.00	TH	WHLR	18	
5	12.00	M WTH	WHAM	328	
	12.00	F	WHLR	18	
6	01.00	M W F	H EC	201	
	01.00	T	WHLR	18	
7	02.00	M W F	WHAM	303	
	02.00	TH	WHLR	18	
8	06.00-07.25 PM	M W	PARK	301	
	05.00	W	WHLR	18	
SEE GER LISTING FOR GER CONVERSATION					
130C	ELEM CLASSICAL GRK			03.0 CR	
	PREREQ GSC 130B				
1	10.00	M W F	H EC	201	OBRIEN JOAN V
133C	ELEMENTARY LATIN			03.0 CR	
	PREREQ GSC 133B				
1	01.00	MT TH	WHLR	113	SPECK CHARLES W
	01.00	F	WHLR	18	SPECK CHARLES W
135B	ELEM PORTUGUESE			03.0 CR	
	PREREQ GSC 135A				
1	04.00	MT TH	WHLR	203	EKKER CHARLES
	04.00	W	WHLR	18	EKKER CHARLES

135C	ELEM PORTUGUESE			03.0 CR	
	PREREQ	GSC 135B			
1	09.00	M WTH	WHLR	203	MCBRIDE M O
	09.00	F	WHLR	18	
136B	ELEMENTARY RUSSIAN			03.0 CR	
	PREREQ	GSC 136A			
1	01.00	T	WHLR	214	
	01.00	M	WHLR	18	
	01.00	W F	WHLR	113	
136C	ELEMENTARY RUSSIAN			03.0 CR	
	PREREQ	GSC 136B			
1	11.00	M	WHLR	18	
	11.00	T	PULL	310	
	11.00	W F	PULL	41	
2	02.00	M THF	0861	102	
	02.00	W	WHLR	18	
140A	ELEMENTARY SPANISH			03.0 CR	
1	08.00	M WTH	H EC	102	
	08.00	F	WHLR	18	
2	09.00	MT F	WHLR	214	
	09.00	W	WHLR	18	
3	09.00	MT F	FELTS	130	
	09.00	W	WHLR	18	
4	11.00	MT F	0871	101	
	11.00	W	WHLR	18	
5	12.00	M W F	LS II	250	
	12.00	TH	WHLR	18	
	SEE SPAN LISTING FOR SPAN CONVERSATION				
6	02.00	M WTH	GYM	204	
	02.00	T	WHLR	18	
7	03.00	MT TH	WHLR	214	
	03.00	W	WHLR	18	
140B	ELEMENTARY SPANISH			03.0 CR	
	PREREQ	GSC 140A			
1	08.00	M WTH	GYM	203	
	08.00	F	WHLR	18	
2	09.00	M W F	GYM	203	
	09.00	TH	WHLR	18	
3	10.00	MT TH	AG	116	
	10.00	W	WHLR	18	
4	11.00	T THF	ABBOTT	129	
	11.00	W	WHLR	18	
5	12.00	MT TH	WHLR	212	
	12.00	W	WHLR	18	
6	01.00	M WTH	WHAM	321	
	01.00	F	WHLR	18	
7	02.00	M	GYM	203	
	02.00	T	WHLR	18	
	02.00	W F	WHLR	214	
	SEE SPAN LISTING FOR SPAN CONVERSATION				
8	06.00-07.25 PM	T TH	PARK	301	
	05.00	T	WHLR	18	
140C	ELEMENTARY SPANISH			03.0 CR	
	PREREQ	GSC 140B			
1	09.00	M W F	PARK	111	
	09.00	TH	WHLR	18	
2	10.00	MT TH	0862	102	
	10.00	F	WHLR	18	
3	10.00	TW F	ABBOTT	129	
	10.00	M	WHLR	18	
4	11.00	M W	AG	150	
	11.00	T	WHLR	18	
	11.00	F	AG	152	
5	11.00	M W F	FELTS	130	
	11.00	T	WHLR	18	
6	12.00	M W F	WHLR	214	
	12.00	TH	WHLR	18	
7	12.00	M THF	WHLR	207	
	12.00	W	WHLR	18	
8	01.00	MT TH	WHAM	312	
	01.00	W	WHLR	18	

9	01.00	MT TH	0720	101	
	01.00	W	WHLR	18	
10	02.00	M WTH	H EC	122	
	02.00	F	WHLR	18	
11	06.00-07.25 PM	T TH	H EC	104	
	07.35-08.25 PM	T	WHLR	18	
SEE SPAN LISTING FOR SPAN CONVERSATION					
200	ORAL INTERP OF LIT		04.0 CR		
1	08.00	M W F	COMM	1020	
	09.00	F	COMM	1020	
2	08.00-09.50	T TH	COMM	1020	
3	10.00-11.50	T TH	COMM	1020	
ABOVE SECTION RESTRICTED TO ELED MAJORS					
4	12.00	T THF	COMM	1020	
	01.00	TH	COMM	1020	
5	01.00	MTW F	COMM	1020	
6	02.00	M W F	COMM	1020	
	03.00	F	COMM	1020	
7	03.00-04.50	M W	COMM	1020	
8	04.00-05.20	T THF	COMM	1020	
9	05.30-07.20	M W	COMM	1020	
ABOVE SECTION RESTRICTED TO ELED MAJORS					
10	05.30-07.20	T TH	COMM	1020	
11	07.35-09.15 PM	M W	COMM	1020	
12	07.35-09.15 PM	T TH	COMM	1020	
201	INTRO TO DRAMA		03.0 CR		
	PREREQ SATISFACTORY COMPLETION OF GSD				
	101 & 102, OR EQUIV				
1	08.00	MT TH	0720	102	
2	09.00	T TH	0720	105	
	09.00	F	0720	102	
3	12.00	T	0720	117	
	12.00	W F	0720	116	
4	01.00	M W F	0720	103	
5	02.00	T	0721	102	
	02.00	W F	0721	101	
6	03.00	M WTH	0720	105	
202	INTRO TO POETRY		03.0 CR		
	PREREQ SATISFACTORY COMPLETION OF GSD				
	101 & 102, OR EQUIV				
1	08.00	T THF	WHAM	303	
2	09.00	M W F	LS II	350	DODD DIANA
3	10.00	M W F	H EC	202	DODD DIANA
4	11.00	M W F	0720	105	
5	12.00	T F	0720	108	
	12.00	TH	0720	117	
6	01.00	T THF	0720	109	
7	02.00	MT TH	0720	106	
203	DRAMA-ARTS OF THEA		03.0 CR		
1	11.00	T TH	COMM	1037	RICKNER ROBERT
	03.00	F	0861	101	
2	11.00	T TH	COMM	1037	RICKNER ROBERT
	04.00	TH	COMM	1017	
3	11.00	T TH	COMM	1037	RICKNER ROBERT
	03.00	F	COMM	1006	
4	11.00	T TH	COMM	1037	RICKNER ROBERT
	04.00	W	COMM	1017	
5	11.00	T TH	COMM	1037	RICKNER ROBERT
	01.00	TH	COMM	1017	
6	11.00	T TH	COMM	1037	RICKNER ROBERT
	01.00	F	COMM	1021	
7	11.00	T TH	COMM	1037	RICKNER ROBERT
	12.00	F	COMM	1006	
8	11.00	T TH	COMM	1037	RICKNER ROBERT
	12.00	TH	COMM	1018	
9	11.00	T TH	COMM	1037	RICKNER ROBERT
	02.00	F	COMM	2012	
10	11.00	T TH	COMM	1037	RICKNER ROBERT
	12.00	F	COMM	1017	



11	11.00	T TH	COMM	1037	RICKNER ROBERT
	08.00	W	COMM	1021	
12	11.00	T TH	COMM	1037	RICKNER ROBERT
	11.00	F	COMM	2012	
13	11.00	T TH	COMM	1037	RICKNER ROBERT
	09.00	F	COMM	1017	
14	11.00	T TH	COMM	1037	RICKNER ROBERT
	10.00	F	COMM	1022	
15	11.00	T TH	COMM	1037	RICKNER ROBERT
	11.00	F	COMM	1022	
204	MEANING IN VIS ARTS			03.0	CR
1	03.00	M W F	LAWSON	141	SULLIVAN JAMES E
205	MANS CONTEMP ENVIR			04.0	CR
1	09.00-10.50	W	LAWSON	151	GROSOWSKY HAROLD
	09.00	TH	LAWSON	161	
	09.00	F	LAWSON	151	
2	01.00-02.50	T	LAWSON	151	GROSOWSKY HAROLD
	02.00	THF	LAWSON	151	
3	03.00-04.50	T	LAWSON	131	GROSOWSKY HAROLD
	04.00	WTH	LAWSON	231	
206	FOUNDATIONS OF MUS			04.0	CR -(ELECTIVE PASS/FAIL)
1	10.00	TWTHF	LAWSON	131	FLOYD SAMUEL
207	PHIL OF BEAUTIFUL			03.0	CR -(ELECTIVE PASS/FAIL)
1	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	11.00	TH	H EC	201	
2	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	01.00	TH	H EC	104	
3	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	08.00	F	H EC	102	
4	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	10.00	F	H EC	104	
5	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	10.00	F	H EC	208	
6	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	02.00	F	H EC	102	
7	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	08.00	W	H EC	104	
8	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	09.00	W	H EC	120	
9	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	12.00	T	H EC	208	
10	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	02.00	TH	H EC	104	
11	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	04.00	T	H EC	104	
12	10.00	T TH	LAWSON	141	MCCLURE GEORGE T
	12.00	TH	H EC	104	
13	02.00	M W F	LAWSON	101	GARLAND MARY ANNE
14	02.00	M W F	LAWSON	101	GARLAND MARY ANNE
208	LOGIC AND MEANING			04.0	CR -(ELECTIVE PASS/FAIL)
1	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	10.00	WTH	0720	107	
2	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	11.00	W F	0720	101	
3	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	12.00	TW	H EC	201	
4	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	01.00	T TH	H EC	208	
5	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	02.00	W F	H EC	206	
6	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	03.00	TW	0720	109	
7	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	08.00	W F	0720	102	
8	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	09.00	W F	H EC	202	
9	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	11.00	W F	0875	102	

10	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	03.00	W F	AG	148	
11	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	02.00	T F	H EC	122	
12	11.00	T TH	LAWSON	141	KELLY MATTHEW J
	03.00	THF	0720	103	
13	11.00	T TH	PARK	204	BLANKEMEYER KENNETH
	08.00	W F	H EC	202	
14	11.00	T TH	PARK	204	BLANKEMEYER KENNETH
	01.00	W F	0720	101	
209	MOD LIT FORM IDEA		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
1	08.00	MTWTH	0720	103	
2	09.00	MT THF	0720	103	
3	10.00	TWTHF	0720	105	
4	11.00	TWTHF	0720	106	
5	12.00	T TH	0720	114	
	12.00	W F	0720	105	
6	01.00	MT THF	0720	108	
7	02.00	TWTHF	0720	108	
8	05.45-07.25	M W	H EC	118	MCNICHOLS EDWARD
210	INTRO TO FICTION		03.0 CR		
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
1	08.00	M W F	0720	117	RICHMAN LOIS
2	09.00	M W F	0720	114	
3	10.00	M W F	0721	101	
4	11.00	MT TH	0720	107	HARRELL ROBERT
5	12.00	MT TH	0720	116	HARRELL ROBERT
6	01.00	T F	0721	101	
	01.00	W	0721	102	
7	02.00	M WTH	0720	114	
8	03.00	M WTH	0720	114	
9	04.00	M WTH	0720	117	
10	06.00-07.25 PM	M W	H EC	201	
11	07.35-09.00 PM	M W	H EC	201	
215	TYPES OF RELIGION		04.0 CR -(ELECTIVE PASS/FAIL)		
1	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	10.00	T	WHAM	328	
2	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	02.00	M	AG	150	
3	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	02.00	W	WHAM	210	
4	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	02.00	TH	COMM	1022	
5	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	03.00	F	LS II	450	
6	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	03.00	TH	LS II	450	
7	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	02.00	F	WHAM	202	
8	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	03.00	T	WHAM	326	
220A	SURVIVAL OF MAN		04.0 CR		
1	10.00	MT TH	LAWSON	151	
	08.00	M	AG	144	
2	10.00	MT TH	LAWSON	151	
	08.00	T	AG	144	
3	10.00	MT TH	LAWSON	151	
	09.00	M	AG	150	
4	10.00	MT TH	LAWSON	151	
	03.00	M	AG	225	
5	10.00	MT TH	LAWSON	151	
	01.00	F	AG	152	
6	10.00	MT TH	LAWSON	151	
	02.00	T	AG	148	
7	10.00	MT TH	LAWSON	151	
	02.00	TH	AG	148	

8	10.00	MT TH	LAWSON	151
	01.00	T	AG	150
9	10.00	MT TH	LAWSON	151
	03.00	T	AG	225
10	10.00	MT TH	LAWSON	151
	03.00	TH	AG	225
11	11.00	MT TH	LAWSON	151
	01.00	TH	AG	224
12	11.00	MT TH	LAWSON	151
	03.00	W	AG	152
13	11.00	MT TH	LAWSON	151
	02.00	T	AG	152
14	11.00	MT TH	LAWSON	151
	09.00	T	AG	188
15	11.00	MT TH	LAWSON	151
	09.00	W	AG	150
16	11.00	MT TH	LAWSON	151
	11.00	W	0862	101
17	11.00	MT TH	LAWSON	151
	09.00	TH	AG	148
18	11.00	MT TH	LAWSON	151
	01.00	W	AG	150
19	11.00	MT TH	LAWSON	151
	02.00	W	AG	154
20	11.00	MT TH	LAWSON	151
	11.00	W	0871	101
220B	SURVIVAL OF MAN		04.0 CR	
1	02.00	MT TH	LAWSON	171
	02.00	F	AG	116
2	02.00	MT TH	LAWSON	171
	09.00	F	AG	154
3	02.00	MT TH	LAWSON	171
	02.00	W	AG	170
4	02.00	MT TH	LAWSON	171
	12.00	M	AG	144
5	02.00	MT TH	LAWSON	171
	04.00	W	AG	116
6	02.00	MT TH	LAWSON	171
	08.00	TH	AG	144
7	02.00	MT TH	LAWSON	171
	09.00	T	AG	148
8	02.00	MT TH	LAWSON	171
	02.00	F	AG	170
9	02.00	MT TH	LAWSON	171
	01.00	F	AG	148
10	02.00	MT TH	LAWSON	171
	12.00	T	AG	222
11	03.00	MT TH	LAWSON	171
	12.00	TH	AG	222
12	03.00	MT TH	LAWSON	171
	12.00	W	AG	224
13	03.00	MT TH	LAWSON	171
	01.00	T	AG	152
14	03.00	MT TH	LAWSON	171
	08.00	TH	AG	188
15	03.00	MT TH	LAWSON	171
	10.00	F	AG	154
16	03.00	MT TH	LAWSON	171
	04.00	M	AG	150
17	03.00	MT TH	LAWSON	171
	03.00	W	AG	222
18	03.00	MT TH	LAWSON	171
	03.00	F	AG	222
19	03.00	MT TH	LAWSON	171
	03.00	F	AG	116
20	03.00	MT TH	LAWSON	171
	04.00	TH	AG	222



250I	UNCOM LANG- VIETNAM		05.0 CR		
	PREREQ	GSC 250H OR EQUIV			
1	09.00	MTWTHF	TECH B	20	NGUYEN HONG-CUC
250Z	UNCOM LANG - JAPAN		05.0 CR		
	PREREQ	GSC 250Y			
1	10.00	MTW	PIERCE	130	HIROKO
	10.00-11.50	TH	0720	101	
	11.00	M W	0720	121	SUGIYANA
312	PHIL-REL FAR EAST		03.0 CR		-(ELECTIVE PASS/FAIL)
1	01.00	M W F	0720	102	LIU SHU HSIEN
317	RECENT AMER LIT		03.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
1	08.00	M W F	0720	108	
2	09.00	M W F	0721	101	HILLARD LEWIS
3	10.00	MT F	0720	107	HILLARD LEWIS
4	11.00	M W F	0721	102	CASSIDY THOMAS E
5	12.00	M W F	0720	104	CASSIDY THOMAS
6	01.00	M W F	0720	117	MARTIN JOAN
7	02.00	M WTH	0720	117	SHRIBER MICHAEL
8	03.00	M W F	0720	104	CASSIDY THOMAS
9	04.00	M WTH	0720	105	PERLENFEIN SCOTT
10	06.00-07.25 PM	M W	H EC	202	MARTIN JOAN
11	07.35-09.00 PM	M W	H EC	202	PERLENFEIN SCOTT
325	BLACK AMER WRITERS		03.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
1	08.00	M W F	0720	106	BUSH FRITZ
2	10.00	M W F	0720	106	BUSH FRITZ
3	11.00	M W F	0720	108	BUSH FRITZ
330	CLASSICAL MYTHOLOGY		03.0 CR		-(ELECTIVE PASS/FAIL)
1	02.00	M WTH	LAWSON	231	OBRIEN JOAN V
332	CLASSICAL DRAMA		03.0 CR		-(ELECTIVE PASS/FAIL)
1	01.00	M WTH	LAWSON	121	
349	THE CINEMA		03.0 CR		-(ELECTIVE PASS/FAIL)
1	09.00	M	WHAM	105	MERCER JOHN
	09.00-10.50	T TH	WHAM	105	MERCER JOHN
	NOTE-NOT OPEN TO CINE MAJOR \$5 SCREEN FEE				
363	PHIL OF SCIENCE		04.0 CR		-(ELECTIVE PASS/FAIL)
1	11.00	M W F	H EC	208	AUDI MICHAEL N
	08.00	T	H EC	206	
2	11.00	M W F	H EC	208	AUDI MICHAEL N
	09.00	T	WHAM	321	
365	SHAKESPEARE		03.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
1	12.00	M W F	0720	117	LITTLE JUDY
2	01.00	MT TH	0720	104	BROWN JACK
371	EVOLUTION OF JAZZ		03.0 CR		-(ELECTIVE PASS/FAIL)
1	12.00	M W F	LAWSON	151	FLOYD SAMUEL
387	RECENT AMER PHIL		03.0 CR		-(ELECTIVE PASS/FAIL)
1	02.00	M W F	PARK	204	HAHN LEWIS EDWIN

General Studies Area D—Organization and Communication of  
Ideas (GSD)

101	ENGLISH COMPOSITION		03.0 CR		
1	08.00	M W F	0720	109	
2	09.00	M W F	AG	152	
3	10.00	M W F	0721	102	
4	11.00	M	0720	106	
	11.00	W F	0720	107	
5	12.00	M	0720	107	
	12.00	T TH	0720	104	
6	01.00	T THF	0720	107	
7	02.00	TW F	0720	101	

8	03.00	MT TH	0720	108	
9	04.00	MT TH	0720	108	
10	06.00-07.25 PM	T TH	H EC	202	
11	06.00-07.25 PM	T TH	H EC	118	
12	07.35-09.00 PM	T TH	H EC	202	
102	ENGLISH COMPOSITION			03.0 CR	
	PREREQ	GSD 101 OR THE APPROPRIATE ACT SCORE			
1	08.00	M W F	0721	101	
2	08.00	T THF	0720	114	
3	08.00	M W F	0720	116	
4	09.00	M WTH	0720	118	
	ABOVE SECTION DEPT ADVANCE PROG				
5	09.00	M W F	0720	105	
6	09.00	T TH	0721	101	
	09.00	F	0720	118	
7	10.00	MT TH	0720	114	
	ABOVE SECTION RESTR TO DEVEL SKILLS				
8	10.00	TW F	0720	117	
9	10.00	M WTH	0720	118	
10	11.00	TW F	0720	104	
11	11.00	M W F	0720	103	
12	11.00	M	0720	104	
	11.00	T TH	0720	108	
13	12.00	TW F	0720	107	
14	12.00	M W F	0720	102	
15	12.00	M WTH	0720	108	
16	01.00	M WTH	0720	106	
17	01.00	M WTH	0721	101	
18	01.00	T TH	0720	117	
	01.00	F	0720	106	
19	02.00	T F	0720	117	
	02.00	W	0720	116	
20	02.00	T THF	0720	109	
21	03.00	M W F	0720	116	
22	03.00	T TH	0720	116	
	03.00	F	0720	108	
23	03.00	T F	0720	105	
	03.00	W	0720	108	
24	04.00	MT TH	0720	114	
25	04.00	MT TH	0720	107	
26	04.00	M WTH	0720	103	
27	06.00-07.25 PM	T TH	CL	24	
28	06.00-07.25 PM	T TH	H EC	102	
29	07.35-09.00 PM	T TH	H EC	118	
30	07.35-09.00 PM	T TH	H EC	102	
104	GRAMMAR IN LANGUAGE			03.0 CR	
1	11.00	T TH	LAWSON	121	GILBERT GLENN
	11.00	M	LS II	130	
2	11.00	T TH	LAWSON	121	GILBERT GLENN
	11.00	F	AG	154	
3	11.00	T TH	LAWSON	121	GILBERT GLENN
	12.00	M	LS II	228	
4	02.00	T TH	LAWSON	121	GILBERT GLENN
	02.00	M	WARREN	129	
5	02.00	T TH	LAWSON	121	GILBERT GLENN
	02.00	F	LS II	228	
6	02.00	T TH	LAWSON	121	GILBERT GLENN
	12.00	M	LS II	330	
106	INTERMED ALGEBRA			00.0 CR	
1	08.00	TWTHF	NKRS A	160	
2	10.00	TWTHF	NKRS C	218	
3	04.00	MTWTH	NKRS C	118	
107	BASIC COLLEGE MATH			05.0 CR	
	PREREQ	GSD 106 OR 1 YR H.S. ALGEBRA			
1	08.00	MTWTHF	BAILEY	130	
2	10.00	MTWTHF	TECH A	422	
3	08.00	MTWTHF	0861	101	
4	08.00	MTWTHF	AG	224	

5	09.00	MTWTHF	TECH A	422	
6	09.00	MTWTHF	TECH D	131	
7	10.00	MTWTHF	NKRS C	116	
8	10.00	MTWTHF	BAILEY	130	
9	11.00	MTWTHF	TECH D	131	
10	11.00	MTWTHF	NKRS A	160	
11	11.00	MTWTHF	BROWN	130	
12	12.00	MTWTHF	NKRS A	156	
13	12.00	MTWTHF	TECH A	410	
14	12.00	MTWTHF	TECH A	310	
15	01.00	MTWTHF	NKRS C	116	
16	01.00	MTWTHF	NKRS C	218	
17	01.00	MTWTHF	TECH A	310	
18	02.00	MTWTHF	NKRS A	160	
19	02.00	MTWTHF	TECH A	208	
20	03.00	MTWTHF	TECH A	208	
21	03.00	MTWTHF	NKRS A	160	
22	04.00	MTWTHF	TECH A	408	
23	06.00-07.25 PM	M WTH	NKRS A	160	
24	07.35-09.00 PM	M WTH	NKRS A	160	
25	07.35-09.00 PM	M WTH	NKRS C	218	
109	ELEMENTS OF PROBAB PREREQ GSD 107			03.0 CR	
1	08.00	MT TH	NKRS C	116	
2	02.00	T THF	TECH A	320	
110	ECON-BUS STATISTICS			03.0 CR	-(ELECTIVE PASS/FAIL)
1	10.00	M W F	WHAM	105	ELLIS DENNIS F
2	03.00	MT TH	LAWSON	161	FRYMAN R
152	INTERPERSONAL COMM			03.0 CR	
1	08.00	M W F	COMM	1018	
2	08.00	TW F	COMM	1017	
3	09.00	M W F	WARREN	129	
4	09.00	T F	COMM	2012	
	09.00	W	COMM	1006	
5	10.00	MT TH	WARREN	129	
6	10.00	T F	COMM	1006	
	10.00	TH	AG	168	
7	10.00	T TH	COMM	1018	
	10.00	F	COMM	1017	
8	11.00	M	AG	224	
	11.00	THF	COMM	1021	
9	11.00	T THF	WARREN	129	
10	11.00	M W	WARREN	129	
	11.00	F	COMM	1017	
11	12.00	M WTHF	COMM	1021	
ABOVE SECTION RESTR TO PRES SCHOLARS					
12	12.00	MT TH	COMM	1022	
13	01.00	T THF	AG	222	
14	01.00	M W	COMM	2012	
	01.00	TH	COMM	1022	
15	01.00	M W F	COMM	1018	
16	02.00	T TH	COMM	1017	
	02.00	F	COMM	1021	
17	02.00	M W F	AG	148	
18	02.00	TWTH	WARREN	129	
19	02.00	MT TH	ABBOTT	129	
20	03.00	T TH	AG	188	
	03.00	F	COMM	1022	
21	03.00	T F	COMM	2012	
	03.00	TH	AG	170	
22	03.00	M WTH	WARREN	129	
23	03.00	M W F	AG	188	
24	04.00	M WTH	COMM	1006	
25	04.00	M W F	COMM	1022	
26	04.00	M W F	COMM	2012	
27	06.00-07.25 PM	M W	COMM	1006	
28	06.00-07.25 PM	T TH	COMM	2012	
29	06.00-07.25 PM	M W	COMM	1022	
30	06.00-07.25 PM	M W	COMM	1021	



31	06.00-07.25	PM	T TH	COMM	1006
32	06.00-07.25	PM	T TH	COMM	1018
33	07.35-09.00	PM	M W	COMM	1006
34	07.35-09.00	PM	T TH	COMM	2012
35	07.35-09.00	PM	M W	COMM	1022
36	07.35-09.00	PM	M W	COMM	1021
37	07.35-09.00	PM	T TH	COMM	1006
38	07.35-09.00	PM	T TH	COMM	1018
39	07.35-09.00	PM	T TH	COMM	1021
153	PUBLIC COMM			03.0	CR
1	08.00		T TH	COMM	1017
	08.00		F	COMM	2012
2	09.00		T TH	COMM	1022
	09.00		F	COMM	1021
3	10.00		T THF	AG	222
4	11.00		T THF	AG	222
5	01.00		M W F	AG	188

General Studies Area E—Health and Physical Development  
(GSE)

100	RESTRICTED P.E.-MEN			01.0	CR	-(ELECTIVE PASS/FAIL)
1	TO BE ARRANGED					GREENE NORMAN
101A	SWIM-BEGINNING-MEN			01.0	CR	-(ELECTIVE PASS/FAIL)
1	11.00-12.30		T TH	PULL P	61	
2	01.00-02.30		T TH	PULL P	61	
101B	SWIM-INTERMED-MEN			01.0	CR	-(ELECTIVE PASS/FAIL)
1	02.00-03.30		T TH	PULL P	61	
	ABOVE SECTION RESTR TO SWIMMERS OF 100					
	YDS					
101D	SKIN DIVING			01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR					
1	09.00-10.30		M W F	PULL P	61	CARROLL PETER J
	09.00		T TH	TECH A	420	CARROLL PETER J
2	07.00	PM	MT TH	PULL P	61	CARROLL PETER J
	08.00-09.30	PM	T	PULL	39	CARROLL PETER J
	CROSSLISTED WITH GSE 111D-FIRST HALF OF					
	TERM ONLY					
101E	SCUBA DIVING			01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSE 101D					
1	09.00-10.30		M W F	PULL P	61	CARROLL PETER J
	09.00		T TH	TECH A	420	CARROLL PETER J
2	07.00	PM	MT TH	PULL P	61	CARROLL PETER J
	08.00-09.30	PM	T	PULL	39	CARROLL PETER J
	CROSSLISTED WITH GSE 111E-SECOND HALF OF					
	TERM ONLY					
101F	LIFE SAVING			01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ PASS SPECIAL SWIMMING TEST					
1	11.00-12.30		M W F	PULL P	61	CARROLL PETER J
	11.00		T	TECH A	410	CARROLL PETER J
	CROSSLISTED WITH GSE 111F					
102	PHYSICAL FITNESS			02.0	CR	-(ELECTIVE PASS/FAIL)
1	11.00		M WTH	ARENA	555	ACKERMAN KENNETH
2	02.00		M WTH	PULL	102	WESTON PAUL
	ABOVE SECT-SPORT PARACHUTING COND.-INSTR					
	CONSENT REQ					
104A	ARCHERY- MEN			01.0	CR	-(ELECTIVE PASS/FAIL)
1	03.00-04.30		M W	ARENA	555	ELLIS WALTER
	ABOVE SECTION COEDUCATIONAL					
104B	BADMINTON- MEN			01.0	CR	-(ELECTIVE PASS/FAIL)
1	01.00-02.30		T TH	PULL	102	
	ABOVE SECTION COEDUCATIONAL					
104D	BOWLING- MEN			01.0	CR	-(ELECTIVE PASS/FAIL)
1	11.00-12.30		T TH	CENTER	103	
2	11.00-12.30		M W	CENTER	103	
	FEE REQUIRED FOR GSE 104D					

104E	GOLF- MEN		01.0 CR -(ELECTIVE PASS/FAIL)
1	09.00	T TH	ARENA 555
2	02.00	M W	ARENA 555
104H	TENNIS- MEN		01.0 CR -(ELECTIVE PASS/FAIL)
1	10.00-11.30	M W	TENNIS 100
2	12.00-01.30	T TH	TENNIS 100
104I	VOLLEYBALL- MEN		01.0 CR -(ELECTIVE PASS/FAIL)
1	10.00-11.30	T TH	ARENA 555 WILKINSON
104J	SOFTBALL- MEN		01.0 CR -(ELECTIVE PASS/FAIL)
1	11.00-12.30	M W	ARENA 555
104K	HORSEBACK RIDE- MEN		01.0 CR -(ELECTIVE PASS/FAIL)
1	TO BE ARRANGED		ILLNER JULEE
2	TO BE ARRANGED		ILLNER JULEE
	SEE PEW GSE FOR REGISTRATION		
104Q	FLY & BAIT CAST-MEN		01.0 CR -(ELECTIVE PASS/FAIL)
1	01.00-02.30	T TH	ARENA 555 FRANKLIN CECIL C
104W	JUDO- MEN		01.0 CR -(ELECTIVE PASS/FAIL)
1	11.00-12.30	T TH	ARENA 555 FRANKLIN CECIL C
	GSE 104W RESTR TO CONSENT OF INSTR		
104X	HANDBALL- MEN		01.0 CR -(ELECTIVE PASS/FAIL)
1	10.00-11.30	M W	HDBALL 100 MEADE WILLIAM T
	GLOVES AND BALL REQ FOR GSE 104X		
105	WEIGHT CONTRQL		01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR		
1	09.00	M W F	ARENA 555 KNOWLTON RONALD
	GSE 105 RESTR TO CONSENT OF INSTR		
106	UNIV ORIENTEERING		01.0 CR -(ELECTIVE PASS/FAIL)
1	01.00-03.50	F	ARENA 555 ACKERMAN KENNETH J
111A	SWIM-BEGINNING		01.0 CR -(ELECTIVE PASS/FAIL)
1	09.00-10.30	T TH	PULL P 61
	ABOVE SECT RESTR TO NON-SWIMMERS ONLY		
111B	SWIM-INTERMEDIATE		01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSE 111A OR EQUIVALENT		
1	10.00-11.30	T TH	PULL P 61
111D	SKIN DIVING- WOMEN		01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		CARROLL PETER J
	SEE PEM GSE FOR REGISTRATION		
2	TO BE ARRANGED		CARROLL PETER J
	SEE PEM GSE FOR REGISTRATION		
111E	SCUBA DIVING-WOMEN		01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSE 111D		
1	TO BE ARRANGED		CARROLL PETER J
	SEE PEM GSE FOR REGISTRATION		
2	TO BE ARRANGED		CARROLL PETER J
	SEE PEM GSE FOR REGISTRATION		
111F	LIFE SAVING		01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PASS SPECIAL SWIMMING TEST		
1	TO BE ARRANGED		CARROLL PETER J
	SEE PEM GSE FOR REGISTRATION		
111G	CANOEING		01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PASS INTERMEDIATE SWIM TEST		
1	09.00-10.30	T TH	GYM 203
112	EXERCISE- FITNESS		01.0 CR -(ELECTIVE PASS/FAIL)
1	10.00	M W F	GYM 207
113D	BEGIN CONTEMP DANCE		01.0 CR -(ELECTIVE PASS/FAIL)
1	11.00	M W F	GYM 208
114A	ACTIVITY-ARCHERY		01.0 CR -(ELECTIVE PASS/FAIL)
1	11.00-12.30	T TH	GYM 208
114B	ACTIVITY-BADMINTON		01.0 CR -(ELECTIVE PASS/FAIL)
1	01.00	M W F	GYM 207
	CO-EDUCATIONAL		
114D	ACTIVITY-BOWLING		01.0 CR -(ELECTIVE PASS/FAIL)
1	11.00	M W F	CENTER 103
114E	ACTIVITY-GOLF		01.0 CR -(ELECTIVE PASS/FAIL)
1	01.00-02.30	T TH	GYM 208
114H	ACTIVITY-TENNIS		01.0 CR -(ELECTIVE PASS/FAIL)
1	09.00-10.30	T TH	GYM 208
	CO-EDUCATIONAL		

114I	ACTIVITY-VOLLEYBALL		01.0 CR -(ELECTIVE PASS/FAIL)
1	01.00-02.30	T TH	GYM 207
114K	HORSEBACK RIDING		01.0 CR -(ELECTIVE PASS/FAIL)
1	09.00-10.50	T	GYM 206 ILLNER JULEE
	TRANSPORTATION TO STABLE NECESSARY		
114M	ACTIVITY-FENCING		01.0 CR -(ELECTIVE PASS/FAIL)
1	12.00-01.30	T TH	GYM 114
114P	ACTIVITY-GYM & TUMB		01.0 CR -(ELECTIVE PASS/FAIL)
1	03.00-04.30	T TH	GYM 207
114R	TRACK & FIELD		01.0 CR -(ELECTIVE PASS/FAIL)
1	12.00-01.30	M W	STAD 3913K
114T	INTERMEDIATE TENNIS		01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSE 114H OR EQUIV		
1	02.00-03.30	T TH	GYM 207
201	HEALTHFUL LIVING		03.0 CR
1	08.00	M WTH	TECH A 222
2	08.00	M WTH	TECH A 308
3	08.00	M W F	TECH A 410
4	08.00	T TH	TECH A 410
	08.00	F	TECH A 222
5	09.00	TW F	TECH A 320
6	09.00	M W F	TECH A 210
7	09.00	M TH	TECH A 320
	09.00	T	TECH A 310
8	09.00	T TH	TECH A 208
	09.00	F	ARENA 121
9	09.00	T TH	TECH A 308
	09.00	F	ARENA 125
10	10.00	T TH	TECH A 220
	10.00	F	ARENA 123
11	10.00	M W F	TECH A 322
12	10.00	TW F	TECH A 222
13	10.00	M W F	TECH A 422
14	10.00	M W F	TECH A 310
15	11.00	M W F	TECH A 220
16	11.00	T TH	ARENA 125
	11.00	F	ARENA 121
17	11.00	TW F	TECH A 210
18	11.00	T TH	TECH A 310
	11.00	F	TECH A 221
19	11.00	M	TECH A 210
	11.00	T TH	TECH A 220
20	11.00	M WTH	TECH A 208
21	12.00	T TH	ARENA 123
	12.00	F	ARENA 121
22	12.00	MT TH	ARENA 121
23	12.00	M WTH	TECH A 222
24	12.00	M WTH	TECH A 308
25	01.00	T THF	ARENA 123
26	01.00	M W F	TECH A 320
27	01.00	TW F	ARENA 121
28	02.00	T TH	ARENA 125
	02.00	F	ARENA 119
29	02.00	M WTH	ARENA 123
30	02.00	M W F	TECH A 222
236	NUTRITIONAL ECOLOGY		03.0 CR -(ELECTIVE PASS/FAIL)
1	09.00	M W F	TECH A 111
2	11.00	T THF	H EC 140B KONISHI FRANK
3	12.00	M W F	WHAM 105
240	HUM REL BETWN SEXES		03.0 CR
1	06.30-09.30 PM	T	TECH A 111 LEFEVRE JOHN R



# SCHEDULE OF DEPARTMENTAL COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
<b>Accounting (ACCT)</b>				
250	ACCT FUNDAMENTALS		04.0 CR	-(ELECTIVE PASS/FAIL)
1	12.00	MTWTH	LAWSON 221	KOZOMAN RONALD L
2	04.00	MTWTH	LAWSON 221	KOZOMAN RONALD L
251A	ACCT PRIN & CONTROL		04.0 CR	
	PREREQ SOPHOMORE STANDING			
1	08.00	MT THF	LAWSON 221	
	SEVERAL 1-HR EXAMS WILL BE SCHED 5 PM DURING QTR			
2	09.00	MT THF	LAWSON 221	BARRON MARY
3	11.00	MTWTH	CL 18	
4	12.00-01.50	W	CL 12	CAMPBELL
	12.00-01.50	F	CL 18	CAMPBELL
5	12.00	MT THF	CL 12	ROZANSKI EUGENE
6	01.00	TWTHF	LAWSON 221	VANMETER GARY L
7	05.45-07.25	T TH	CL 12	CAMPBELL
251B	ACCT PRIN & CONTROL		04.0 CR	
	PREREQ ACCT 251A			
1	08.00	MT THF	CL 18	WOELFEL CHARLES
2	10.00	MTWTH	LAWSON 221	WRIGHT ROLAND
3	10.00-11.50	W	CL 12	VANMETER GARY
	10.00-11.50	F	CL 18	VANMETER GARY
4	12.00	MTWTH	CL 18	WRIGHT ROLAND
5	03.00	MT THF	LAWSON 221	CAMPBELL
6	05.45-07.25	T TH	CL 18	VANMETER GARY
	SEVERAL 1-HR EXAMS WILL BE SCHED 5 PM DURING QTR			
261	MANAGEMENT ACCT		04.0 CR	
	PREREQ GSD 107 AND ACCT 251B			
1	01.00	MTWTH	CL 18	KOZOMAN RONALD
309	INDIV INCOME TAX		02.0 CR	
	PREREQ NON-MAJORS ONLY			
1	03.00	W	CL 12	BARRON MARY NOEL
	03.00	F	CL 18	BARRON MARY NOEL
315	EDP IN BUSINESS		04.0 CR	
	PREREQ ACCT 251B			
1	10.00	MT THF	CL 12	ERIKSEN DOUGLAS
331	TAX ACCOUNTING		04.0 CR	
	PREREQ ACCT 251B			
1	08.00	MT THF	CL 12	SWICK RALPH DALE
341	COST ACCOUNTING		04.0 CR	
	PREREQ ACCT 251B			
1	10.00	MTWTH	CL 18	SETH SHIRISH B
2	04.00	MTWTH	CL 12	SETH SHIRISH B
351A	INTERMEDIATE ACCT		04.0 CR	
	PREREQ ACCT 251B			
1	11.00	MT THF	CL 12	ROZANSKI EUGENE R
2	03.00	MT THF	CL 12	ROZANSKI EUGENE R
351B	INTERMEDIATE ACCT		04.0 CR	
	PREREQ ACCT 351A			
1	09.00	MT THF	CL 12	WOELFEL CHARLES
2	02.00	MT THF	CL 12	WOELFEL CHARLES J
410	ACCOUNTING CONCEPTS		04.0 CR	
	PREREQ GRADUATE STUDENTS ONLY			
1	02.00	MTWTH	CL 18	SETH SHIRISH
432	PROB IN FED TAX		04.0 CR	
	PREREQ ACCT 331			
1	01.00	MT THF	CL 12	BARRON MARY NOEL
442	ADV COST ACCOUNTING		04.0 CR	
	PREREQ ACCT 341			
1	03.00	MTWTH	CL 18	SCHMIDLEIN EDWARD J

453	ADVANCED ACCOUNTING		04.0 CR		
	PREREQ	ACCT 351B			
1	04.00	MTWTH	CL	18	WRIGHT ROLAND
456	AUDITING		04.0 CR		
	PREREQ	ACCT 341,351B			
1	09.00	MT THF	CL	18	BOOKER JON A
2	02.00	MT THF	LAWSON	221	BOOKER JON A
475	BUDGETING & SYSTEMS		04.0 CR		
	PREREQ	ACCT 251B			
1	11.00	MT THF	LAWSON	221	ERIKSEN DOUGLAS C

# Administration of Justice (A J)

200	INTRO-CRIMINAL BEH		04.0 CR		
1	02.00-03.50	T TH	NKRS B	440	HERMON ZVI
201	SOC RESPON-OFFENDER		04.0 CR		
1	08.00-09.50	T TH	H EC	140B	KIEFER GEORGE
300	DIAGNOSIS & EVAL		04.0 CR		
1	01.00-02.50	M W	AG	216	ANDERSON DENNIS
	RESTR TO WRITTEN CONSENT OF AJ ACAD COOR D				
301	HUM REL-JUS AGENCY		04.0 CR		
1	10.00-11.50	T TH	0720	109	WILSON Nanci
	RESTR TO WRITTEN PERMISSION OF ACAD COOR D				
302	COMM-BASED CORRECT		04.0 CR		
1	03.00-04.50	M W	WHAM	308	HERMON ZVI
	RESTR TO WRITTEN PERM OF AJ ACAD COORD				
303	CRIM INVES & BEH SC		04.0 CR		
1	10.00-11.50	T TH	0720	102	RICH VERNON
	RESTR TO WRITTEN PERMISSION OF AJ ACAD C OOR				
304	VIOL,ENFORC & COMM		04.0 CR		
1	10.00-11.50	M W	0720	102	LINDBERG JONATHAN
	RESTR TO WRITTEN PERMISSION OF AJ ACAD C OOR				
305	LEGAL ASPECTS		04.0 CR		
1	01.00-02.50	T TH	AG	216	LINDBERG JONATHAN
	RESTR TO WRITTEN PERMISSION OF AJ ACAD C OOR				
383	INTERNSHIP		04.0 TO 12.0 CR		
	PREREQ	16 HRS AJ & WRIT PERMISSION OF CENTER ACADEMIC COORD			
1	TO BE ARRANGED				ANDERSON DENNIS B
	RESTRICTED TO AJ MAJORS ONLY				
396	READINGS IN AJ		01.0 TO 04.0 CR		
	PREREQ	WRIT PERM CENTER ACAD COORD & APPROV OF AJ ADVISOR			
1	TO BE ARRANGED				
	RESTRICTED TO AJ MAJORS ONLY				
411	CRIT ISSUE-CRIM JUS		04.0 CR		
1	03.00-04.50	M W	WHAM	228	WILSON Nanci
417	RESEARCH PRACTICUM		04.0 CR		
	PREREQ	AJ 416 OR CONSENT OF INSTR			
1	01.00-02.50	M W	H EC	120	BARRY DONALD
	RESTR TO WRITTEN PERMISSION OF AJ COORD				
474	LAW ENFORCEMENT AD		03.0 CR		
	PREREQ	GOVT 360, 467 OR CONSENT OF IN STR			
1	03.00-04.50	T TH	WHAM	303	RICH VERNON
489E	INDEPT STUDY CORRS		02.0 TO 04.0 CR		
	PREREQ	WRITTEN PERMISSION OF CENTER ACAD COORD			
1	TO BE ARRANGED				
501C	CRIM BEH-PROB&CHAR		04.0 CR		
	PREREQ	AJ 501B			
1	09.00-11.50	F	WHAM	210	WOODWARD JESSE L
	RESTR TO WRITTEN PERMISSION OF AJ ACAD C OORD				

572	SEM IN CRIMINOLOGY	04.0 CR		
	PREREQ SOC 372 OR CONSENT OF INSTR			
1	08.00-10.50 M H EC	3	ALIX ERNEST	
	RESTR TO WRITTEN PERM OF AJ ACAD COORD			
580	DES, PLAN & MGT - AJ	04.0 CR		
1	09.00-10.50 M W LS II	130	EYNON THOMAS	
	RESTR TO WRITTEN PERM OF AJ ACAD COORD			
583A	SUPER FIELD WK-CORR	06.0 CR		
	PREREQ WRITTEN PERMISSION OF CENTER			
	ACAD COORDINATOR			
1	TO BE ARRANGED		ANDERSON DENNIS B	
	RESTR TO WRITTEN PERMISSION OF AJ ACAD			
	COORD			
583B	SUPER FIELD WK-CORR	06.0 CR		
	PREREQ WRITTEN PERMISSION OF CENTER			
	ACAD COORDINATOR			
1	TO BE ARRANGED		ANDERSON DENNIS B	
	RESTR TO WRITTEN PERMISSION OF AJ ACAD			
	COORD			
584	SEM-CORRECT PRO MGT	04.0 CR		
	PREREQ CONSENT OF INSTR			
1	02.00-04.50 TH WHAM	312	JOHNSON ELMER H	
	RESTR TO WRITTEN PERMISSION OF ACAD COOR			
	D			
591	SUPERVISED READINGS	01.0 TO 05.0 CR		
	PREREQ CONSENT OF INSTRUCTOR AND DEPT			
	CHAIRMAN			
1	TO BE ARRANGED			
	RESTR TO WRITTEN PERM OF AJ ACAD COORD			
599	THESIS	01.0 TO 09.0 CR		
	PREREQ WRITTEN PERMISSION OF CENTER			
	ACAD COORD			
1	TO BE ARRANGED			

#### Administrative Sciences (ADSC)

170	INTRO TO BUS ADMIN	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ FRESHMEN & SOPHOMORES ONLY		
1	12.00 M W F PULL	34	
	12.00 T TH LAWSON	201	
301	MGT & SUPERVISION	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 201C OR EQUIV, OR CONSENT		
	OF INSTR		
1	04.00 MTWTH LAWSON	201	WESTBERG WILLIAM C
302	ADMIN COMM IN BUS	04.0 CR	
	PREREQ GSD 102, ACCT 250 OR 251A, OR M		
	GT 170 OR 340 OR EQUIV		
1	04.00 MT THF WHAM	321	FOHR JOHN M
303	BEHAV SCIENCE-BUS	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSD 110, GSB 201B & C OR EQUIV		
	OR CONSENT OF INSTR		
1	09.00 MTWTHF LAWSON	101	
2	11.00 M W F LAWSON	121	VICARS WILLIAM
	11.00 T TH LAWSON	131	
	CROSSLISTED WITH MKTG 303		
340	BUS ORG AND MGT	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 201B & C OR EQUIVALENT-JR		
	STANDING OR CONSENT		
1	11.00 MTWTHF LAWSON	171	
2	04.00 MTWTHF LAWSON	171	BATEMAN DAVID N
341	ORGANIZ BEHAVIOR I	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 340, GSD 110 OR EQUIV OR CONSE		
	NT OF INSTR		
1	09.00-10.50 W AG	144	
	09.00-10.50 F CL	328	
2	03.00-04.50 M W CL	24	OSBORN RICHARD N



345	INTRO MGT INFO SYS	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340 OR FIN 320 OR MKTG		
	301, CS 202		
1	08.00-09.50 T TH CL	109	PRICE JOSEPH E
351	METH OF QUAN ANAL	04.0 CR	-(ELECTIVE PASS/FAIL)
1	10.00-11.50 T TH AG	144	
361	RESEARCH IN BUS ADM	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340, ECON 308		
1	01.00-02.50 T TH AG	116	BUSSOM ROBERT S
382	PERF STAND&METH IMP	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340 OR CONSENT OF INSTR		
1	09.00-10.50 W F WHAM	308	VICARS WILLIAM M
385	PERSONNEL MGT	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340, GSD 110 OR EQUIV OR		
	CONSENT OF INSTR		
1	02.00-03.50 W F PULL	34	VICARS WILLIAM M
431	ORGANIZ BEHAVIOR II	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 341 OR CONSENT OF INSTR		
1	09.00-10.50 M W PULL	41	HUNT JAMES G
452	BUS OPERATION ANAL	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340, MATH 140A, GSD 110		
	OR EQUIV OR CONSENT		
1	10.00-11.50 T TH 0871	102	
456	MGT INFORMATION SYS	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340, 345, 452		
1	10.00-11.50 T TH CL	109	BUSSOM ROBERT S
474	MGT RESP IN SOCIETY	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340, SR STANDING OR CONSE		
	NT OF INSTR		
1	01.00-02.50 M W CL	109	
479	PROBS-BUS AND ECON	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340, ECON 215, 308, MKT 301		
	OR EQUIV-SR OR CONSENT		
1	01.00-02.50 T TH 0871	102	
480	REC PROB-LABOR LAW	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 385 OR CONSENT OF INSTR		
1	03.00-04.50 W F CL	109	
481	ADMIN POLICY	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340, FIN 320, MKTG 301 OR		
	EQUIV & SR STANDING		
1	08.00-09.50 T TH AG	216	
2	10.00-11.50 W F CL	109	
3	01.00-02.50 T TH LS I	205	
4	02.00-03.50 W AG	144	
	02.00-03.50 F CL	24	
485	PROBS IN PERS MGT	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 385, 361		
1	11.00-12.50 W F AG	144	BISHOP RONALD C
499	SPEC TOPICS IN MGT	01.0 TO 08.0 CR	
	PREREQ 16 HRS IN BUSINESS & CONSENT O		
	F DEPT CHAIRMAN		
1	TO BE ARRANGED		BISHOP RONALD C

### Aerospace Studies (A S)

100C	CORPS TRAINING	00.0 CR	
1	10.00 T	LIB	26 FORSYTH MILTON D JR
103	FORCES LIMITED WAR	01.0 CR	
1	09.00 T	WHLR	113 GRESCH THOMAS J
2	09.00 TH	WHLR	113 GRESCH THOMAS J
200C	CORPS TRAINING	00.0 CR	
	PREREQ AS 100		
1	10.00 T	LIB	26 FORSYTH MILTON D JR
203	FORMULATING DEF POL	01.0 CR	
1	09.00 W	WHLR	113 FENN JAMES R
2	11.00 W	WHLR	113 FENN JAMES R
300C	CORPS TRAINING	00.0 CR	
	PREREQ GMC OR FIELD TRAINING		
1	10.00 T	LIB	26 FORSYTH MILTON D JR

303	ASTRONAUT & SP OPS	03.0 CR			
	PREREQ GMC OR FIELD TRAINING				
1	08.00	M WTH	WHLR	107	FORSYTH MILTON D JR
2	10.00	M WTH	WHLR	107	FORSYTH MILTON D JR
3	02.00	M WTH	WHLR	107	FORSYTH MILTON D JR
340C	CORPS TRAINING	00.0 CR			
	PREREQ AS 300 OR CONSENT OF PAS				
1	10.00	T	LIB	26	TORLINE NORBERT K
353	MILITARY MGT	03.0 CR			
	PREREQ AS 352 OR CONSENT OF PROFESSOR OF AS				
1	09.00	M WTH	WHLR	107	TORLINE NORBERT K
2	01.00	M WTH	WHLR	107	TORLINE NORBERT K

### Agricultural Industries (AG I)

204	INTRO AG ECONOMICS	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	10.00	MTW	AG	214	HERR WILLIAM M
	10.00	TH	AG	225	HERR WILLIAM M
2	10.00	MTW	AG	214	HERR WILLIAM M
	10.00	F	AG	225	HERR WILLIAM M
3	10.00	MTW	AG	214	HERR WILLIAM M
	11.00	TH	AG	225	HERR WILLIAM M
215	STRUCTURES & ELECT	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	10.00	M W	0831	101	HOERNER HARRY J
	10.00-11.50	T TH	0832	101	HOERNER HARRY J
311	AGRIC EDUC PROGRAMS	04.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ GUID 305, JUNIOR STANDING				
1	09.00	TWTHF	AG	225	BENTON RALPH A
314	EC-FOOD & RURAL DEV	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	01.00	MTWTH	AG	225	SMALL LESLIE E
354	AGRICULTURAL MKTG	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ AG I 204 OR GSB 211A				
1	02.00	M W F	AG	225	
359	INTERN PROGRAM	03.0 TO 05.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ JR STANDING				
1	TO BE ARRANGED				BENTON RALPH A
375	BASIC AG MECH	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ MATH 107A, GSA 101A,B OR EQUIV				
1	01.00	T	0831	101	WOLFF ROBERT
	02.00-05.50	T	0831	101	WOLFF ROBERT
2	01.00	TH	0831	101	WOLFF ROBERT
	02.00-05.50	TH	0831	101	WOLFF ROBERT
381	AGRI SEMINAR	01.0 TO 02.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ SENIORS ONLY				
1	04.00	T	AG	155	WILLS WALTER J
390	SPEC STUD AG I	01.0 TO 06.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	04.00	T	AG	222	
391	HONORS IN AG INDUST	01.0 TO 06.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ JR STAND, 4.0 GPA, 4.25 IN MAJ & CONSENT OF DEPT				
1	TO BE ARRANGED				LYBECKER DONALD W
411	AGRIC EXTENSION	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ JUNIOR STANDING				
1	03.00	TW F	AG	155	WILLS WALTER J
412	PRIN AG MECHANIZAT	04.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ S ED 310				
1	01.00	M W	0831	101	STITT THOMAS R
	01.00-02.50	T TH	0832	101	STITT THOMAS R
2	01.00	M W	0831	101	STITT THOMAS R
	03.00-04.50	T TH	0832	101	STITT THOMAS R
450	ADV FARM MANAGEMENT	04.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ AG I 350				
1	11.00	MTW	AG	225	LYBECKER DONALD W
	11.00-12.50	F	AG	225	LYBECKER DONALD W
451	AGRIBUSINESS MGMT	04.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ SENIOR STANDING				
1	08.00	MTWTH	AG	155	



456A	AG MKTG - COOPS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ AG I 354, OR CONSENT OF INSTR	
1	10.00 MTW AG 225 WILLS WALTER J	
456B	AG MKTG - LIVESTOCK	02.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ AG I 354, OR CONSENT OF INSTR	
1	02.00 T TH AG 224	
	CROSSLISTED WITH AN I 456B	
456E	AG MKTG-HORT CROPS	02.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ AG I 354, OR CONSENT OF INSTR	
1	04.00-05.40 M AG 155 WILLS WALTER J	
471	LAND RESOURCE ECON	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ AG I 350 OR FOR 470	
1	10.00 MTW F AG 168	
	CROSSLISTED WITH FOR 471	
473	ADV AG POWER SYS	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ AG I 373 OR EQUIV	
1	02.00 M W 0831 101 WOLFF ROBERT	
	03.00-04.50 M W 0831 101	
520	READINGS	01.0 TO 06.0 CR
1	TO BE ARRANGED	WOOD EUGENE S
525	COOP VOC-TECH ED	04.0 CR
	PREREQ STUDENT TEACHING	
1	09.00-11.30 S TECH A 120 BENTON RALPH A	
	CROSSLISTED WITH HEED, DE, SEC 525	
550	PROD MANAGEMENT	04.0 CR
	PREREQ 12 HRS IN ECON OR AG ECON AND	
	CONSENT OF INSTR	
1	09.00 MTWTH AG 222 HERR WILLIAM M	
552	ADVANCED AG PRICES	02.0 CR
	PREREQ AG I 352	
1	02.00 W F AG 155 SOLVERSON LYLE	
575	RESEARCH	01.0 TO 06.0 CR
1	TO BE ARRANGED	WOOD EUGENE S
581	SEMINAR	01.0 TO 06.0 CR
1	TO BE ARRANGED	
588	INTERNAT GRAD STUDY	01.0 TO 12.0 CR
	PREREQ CONSENT OF DEPT	
1	TO BE ARRANGED	WILLS WALTER J
599	THESIS	01.0 TO 09.0 CR
1	TO BE ARRANGED	WOOD EUGENE S

### Animal Industries (ANI)

121A	SCIENCE OF ANIMALS	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENROLLMENT IN AN I	
	121B	
1	11.00 MTW F AG 102 OLSON HOWARD H	
121B	SCIENCE OF ANIMALS	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENROLLMENT IN AN I	
	121A	
1	08.00-09.50 TH AG 102 OLSON HOWARD H	
2	10.00-11.50 TH AG 102 OLSON HOWARD H	
3	01.00-02.50 TH AG 132 OLSON HOWARD H	
301	CARE & MGT OF PETS	04.0 CR
1	01.00 MTWTH AG 102 HAUSLER CARL	
311B	EVAL&SEL FARM ANI	02.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ AN I 318 OR CONSENT OF INSTRUC	
	TOR	
1	08.00-11.50 S AG 132 HODSON MARION GOODMA	
	DAIRY, LIVESTOCK AND POULTRY	
319	HORSES	03.0 CR -(ELECTIVE PASS/FAIL)
1	10.00 T F AG 114 KAMMLADE W G JR	
	10.00-11.50 TH AG 114 KAMMLADE W G JR	
321	PROCESS POULT PROD	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ AN I 121	
1	10.00 M W F AG 132	
	09.00-10.50 T AG 132 HINNERS	



337	ANIMAL HYGIENE	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ AN I 121	
1	12.00 MTWTH AG 102 STRACK LOUIS E	
359	INTERN PROGRAM 03.0 TO 05.0 CR-(MANDATORY PASS/FAIL)	
	PREREQ JR STANDING	
1	TO BE ARRANGED	MARION GERMAIN B
381	ANIMAL SCIENCE SEM 01.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ JR OR SR STANDING	
1	04.00 T AG 114 MARION GERMAIN B	
390	SPEC STUD AN I 01.0 TO 06.0 CR-(MANDATORY PASS/FAIL)	
	PREREQ JR OR SR STANDING AND CONSENT OF DEPT CHAIRMAN	
1	TO BE ARRANGED	MARION GERMAIN B
391	HONORS IN AN I 01.0 TO 06.0 CR-(MANDATORY PASS/FAIL)	
	PREREQ JR STANDING, 4.0 GPA, 4.25 IN MAJ, CONSENT OF DEPT	
1	TO BE ARRANGED	MARION GERMAIN B
415B	ANIMAL NUTRITION 04.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ AN I 415A	
1	10.00 M W F AG 188 LEE D DIXON JR	
	10.00-11.50 TH AG 120 LEE D DIXON JR	
419	STAB MGT-HORSMNSHIP 04.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ AN I 319	
1	01.00 T TH AG 114 KAMMLADE W G JR	
	01.00-02.50 W F AG 114 KAMMLADE W G JR	
420	CGM POULTRY PROD 04.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ AN I 121	
1	01.00 MT F AG 132 HINNERS SCOTT W	
	01.00-02.50 W AG 132 HINNERS SCOTT W	
430	DAIRY CAT BREED&MGT 04.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ AN I 332	
1	03.00 MT TH AG 148 OLSON HOWARD H	
	03.00-04.50 W AG 114 OLSON HOWARD H	
432	QUANT INHERITANCE 03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ AN I 332	
1	09.00 M W F AG 132 GOODMAN BILLY LEE	
456B	AG MKTG - LIVESTOCK 02.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ GSB 211A OR CONSENT OF INSTR	
1	02.00 T TH AG 224	
	CROSSLISTED WITH AG I 456B	
465	SWINE PRODUCTION 05.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ AN I 315, 332	
1	08.00 MTW F AG 116 HODSON HAROLD H JR	
	08.00-09.50 TH AG 120 HODSON HAROLD H JR	
485	BEEF PRODUCTION 04.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ AN IND 315	
1	09.00 MT F AG 224 KAMMLADE W G JR	
	09.00-10.50 W AG 114 KAMMLADE W G JR	
515	NUTR UTIL DOM ANIMA 04.0 CR	
	PREREQ AN I 415A AN I 505B	
1	02.00 MT F AG 154 LEE D DIXON JR	
	01.00-02.50 TH AG 120 LEE D DIXON JR	
520	READINGS IN AN IND 01.0 TO 06.0 CR	
1	TO BE ARRANGED	
575	INDIVIDUAL RESEARCH 01.0 TO 06.0 CR	
1	TO BE ARRANGED	MARION GERMAIN B
588	INTERNAT GRAD STUDY 01.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT	
1	TO BE ARRANGED	MARION GERMAIN B
599	THESIS 01.0 TO 09.0 CR	
1	TO BE ARRANGED	

#### Anthropology (ANTH)

275	INDIVIDUAL STUDY 01.0 TO 18.0 CR
	PREREQ CONSENT OF DEPT
1	TO BE ARRANGED

301	LINGUISTICS IN ANTH	03.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	11.00 M W F H EC	122		GRIMES JAMES	
304	ORIGIN CIVILIZATION	03.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	09.00 M W F H EC	118		RILEY CARROLL L	
311B	PEOPLE-CULT WORLD I	03.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	09.00 M W F H EC	106		GRIMES JAMES	
311C	PEOPLE-CULT WORLD I	03.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	10.00 M W F H EC	118		ALTSCHULER MILTON	
314A	INTRO TO SOC ANTH	03.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	01.00 M W F H EC	106		MACLACHLAN BRUCE	
315	PEOPLE-CULT WRLD V	04.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	11.00-12.40 T TH H EC	106		DARK PHILIP J C	
376	INDEPENDENT STUDY	02.0 TO 11.0	CR		
	PREREQ CONSENT OF INSTR & CLASSICS				
	SECT HEAD				
1	TO BE ARRANGED			RILEY CARROLL L	
399	HONORS TUTORIAL	03.0 TO 09.0	CR		
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
415	LOGIC OF SOCIAL SCI	03.0	CR		
1	11.00 M W F H EC	203		MCCLURE GEORGE T	
	CROSSLISTED WITH PHIL 415				
430	ARCH OF NORTH AMER	03.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	10.00 M W F H EC	106			
441	COMPARATIVE ECON	03.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	01.00 M W F H EC	122		ALTSCHULER MILTON	
442	COMPARE FOLKLORE	03.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	12.00 M W F H EC	106		MARING ESTER	
443	COMPARATIVE LAW	03.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	11.00 M W F H EC	106		MACLACHLAN BRUCE B	
470A	SP STUDY WORLD LANG	03.0	CR		
	PREREQ ANTH 413, LING 401A OR B, OR				
	CONSENT OF DEPT				
1	09.00-10.40 T H EC	106		BENDER M L	
	09.00 TH H EC	106			
471B	ETHNOMUSICOLOGY	03.0	CR		
1	07.00-09.40 PM T ALTG	106		MARING JOEL	
483	INDIV STUDY IN ANTH	01.0 TO 18.0	CR		
1	TO BE ARRANGED				
2	10.00-11.50 T H EC	122		HANDLER JEROME	
	11.00 TH H EC	122			
497	HONORS IND RESEARCH	01.0 TO 18.0	CR		
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT				
1	TO BE ARRANGED				
499	HONORS THESIS	03.0 TO 12.0	CR		
	PREREQ ANTH 399 AND CONSENT OF DEPT				
1	TO BE ARRANGED				
510	SEM-NEW WORLD ARCH	03.0 TO 09.0	CR		
1	03.00-05.30 TH H EC	106		TAYLOR WALTER	
511	SEM MESO-AMER ARCH	03.0 TO 09.0	CR		
1	07.00-09.40 PM T H EC	106		RANDS ROBERT	
560	SEM-COMP SOCIAL ORG	03.0 TO 09.0	CR		
1	03.00-05.30 T H EC	106		COOK EDWIN A	
581	SEM-ANTHROPOLOGY	03.0 TO 09.0	CR		
	PREREQ CONSENT OF DEPT				
1	03.00-05.40 W H EC	106		DARK J C PHILLIP	
582	PROB-ARCHAEOLOGY	01.0 TO 27.0	CR		
1	TO BE ARRANGED				



584	PROB-CULTURAL ANTH	01.0 TO 27.0 CR	
1	TO BE ARRANGED		
585	READINGS IN ANTH	01.0 TO 27.0 CR	
1	TO BE ARRANGED		
595B	FIELD METHODS-ETHNO	03.0 CR	
1	03.00-05.30 M H EC	106	BENDER MARVIN L
597	FIELDWORK IN ANTH	01.0 TO 27.0 CR	
1	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		RILEY CARROLL LAVERN
600	DISSERTATION	01.0 TO 36.0 CR	
1	TO BE ARRANGED		

### Applied Science (AP S)

401C	X-RAY CRYSTALLOGPHY	04.0 CR	
1	TO BE ARRANGED		AMOROS J L
410B	ELECT & INST FOR LS	04.0 CR	
1	TO BE ARRANGED		RAWLINGS CHARLES A
430	SPECIAL PROBLEMS	02.0 TO 08.0 CR	
	PREREQ CONSENT OF COORDINATOR		
1	TO BE ARRANGED		
444A	MATERIALS SCIENCE	04.0 CR	
1	TO BE ARRANGED		AMOROS JOSE L
470A	ENGR ANALYSIS	03.0 CR	
	PREREQ MATH 252		
1	TO BE ARRANGED		DAVIS PHILIP K
503C	PROP-CRYST MATERIAL	04.0 CR	
1	TO BE ARRANGED		AMOROS JOSE L
504C	X-RAY DIFFRACTION	04.0 CR	
	PREREQ GRAD STANDING		
1	TO BE ARRANGED		
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR	
1	TO BE ARRANGED		
580	SEMINAR	01.0 TO 09.0 CR	
1	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		

### Art (ART)

100A	SCULPTURE-CRAFTS	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	12.00-01.50 M W F	0549 101	SULLIVAN MILTON F
2	02.00-03.50 M W F	0549 101	
100B	CRAFTS-SCULPTURE	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	12.00-01.50 M W F	PULL I 105	BOYSEN BILL H
2	02.00-03.50 M W F	PULL I 105	PRILLMAN RICHARD
100C	PAINTING-GRAPHICS	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	08.00-10.50 T TH	0843 104	
2	11.00-01.50 T TH	PULL 211	PAULSON ROBERT
100D	GRAPHICS-DRAWING	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	11.00-01.50 T TH	0843 104	
2	12.00-01.50 M W F	PULL 214	WRIGHT JAMES
100E	DRAWING-PAINTING	04.0 CR	
	PREREQ RESTRICTED TO MAJORS IN SCHOOL OF ART, PHOTO, OR H EC		
1	08.00-09.50 M W F	PULL 211	FOLKMAN DAVID
2	02.00-04.50 T TH	0843 104	
200A	SCULPTURE	04.0 CR	
	PREREQ 12 HRS OF ART 100		
1	08.00-09.50 M W F	0549 101	MARLIN MARVIN



2	10.00-11.50	M W F	0549	101	MOODY DARRYL
200B	DRAWING		04.0	CR	
	PREREQ	12 HRS OF ART 100			
1	10.00-11.50	M W F	PULL	211	FOLKMAN DAVID
2	11.00-01.50	T TH	PULL	214	BETAUDIER PATRICK
200C	PAINTING		04.0	CR	
	PREREQ	12 HRS OF ART 100			
1	02.00-04.50	T TH	PULL	214	BETAUDIER PATRICK
2	02.00-03.50	M W F	PULL	214	LITTLEFIELD LEE
225C	INTRO TO ART HIST		03.0	CR	
1	01.00	M W F	LAWSON	151	MAVIGLIANO GEORGE J
259	STUDIO		04.0	TO 24.0	CR
1	TO BE ARRANGED				
300A	ART ED FOR EL TEACH		04.0	CR	
1	09.00	T TH	LAWSON	141	LAWSON ELNORA
	10.00-11.50	T TH	0833	109	LAWSON ELNORA
2	09.00	T TH	LAWSON	141	LAWSON ELNORA
	01.00-02.50	T TH	0833	109	LAWSON ELNORA
3	09.00	T TH	LAWSON	141	LAWSON ELNORA
	12.00-01.50	M W	0833	109	LAWSON ELNORA
4	09.00	T TH	LAWSON	141	LAWSON ELNORA
	02.00-03.50	M W	0833	109	LAWSON ELNORA
300B	ART ED FOR EL TEACH		04.0	CR	
	PREREQ	ART 300A			
1	03.00-05.50	T TH	0833	109	LAWSON ELNORA
	FOR STUDENTS WHO HAVE HAD 1 QTR ART 300A				
302A	POTTERY-BEGINNING		04.0	CR	
	PREREQ	12 HRS OF ART 100 OR CONSENT OF INSTR			
1	08.00-09.50	M W F	PULL I	105	
2	10.00-11.50	M W F	PULL I	105	
	RESTR TO ART MAJORS ONLY				
302B	POTTERY-INTERMED		04.0	CR	
	PREREQ	ART 302A			
1	08.00-10.50	T TH	PULL I	105	BOYSEN BILL H
2	12.00-01.50	M W F	PULL I	105	
307	THEORY&PHIL ART ED		03.0	CR	
1	09.00	M W F	0833	117	WOOD DANNY D
308	CUR & ADM - ART ED		03.0	CR	
1	10.00	M W F	0833	117	WOOD DANNY D
320	OIL PAINT TECHNIQUE		02.0	TO 12.0	CR
	PREREQ	ART 200C OR CONSENT OF INSTR			
1	08.00-09.50	M W F	PULL	214	LINK L J
2	10.00-11.50	M W F	PULL	214	ONKEN MICHAEL O
3	02.00-04.50	T TH	PULL	211	BERNSTIEN LAWRENCE
325	STUDIO		02.0	TO 15.0	CR
	PREREQ	8 HRS IN MEDIUM OF CHOICE PLUS CONSENT OF INSTR			
1	TO BE ARRANGED				
332A	JEWELRY &METALSMITH		04.0	CR	
	PREREQ	12 HRS OF ART 100 OR CONSENT OF INSTR			
1	08.00-09.50	M W F	PULL I	105	PRILLAMAN RICHARD
2	02.00-03.50	M W F	PULL I	105	PRILLAMAN RICHARD
	RESTR TO ART MAJORS ONLY				
332B	JEWELRY &METALSMITH		04.0	CR	
	PREREQ	ART 332A			
1	10.00-11.50	M W F	PULL I	105	PRILLAMAN RICHARD
2	12.00-01.50	M W F	PULL I	105	KINGTON LOUIS BRENT
340C	CONTEMPRY 20TH CENT		03.0	CR	
	PREREQ	ART 225A, B, C			
1	03.00	M W F	LAWSON	151	WALSH ROBERT A
341	DRAWING		02.0	TO 12.0	CR
	PREREQ	12 HRS OF ART 100, 200 OR CONSENT OF INSTR			
1	08.00-10.50	T TH	PULL	214	BETAUDIER PATRICK
2	08.00-10.50	T TH	PULL	211	PAULSON ROBERT L
3	02.00-03.50	M W F	PULL	211	LINK LAWRENCE JOHN
4	04.00-05.50	M W F	PULL	214	ONKEN MICHAEL

5	04.00-05.50	M W F	PULL	211	LITTLEFIELD LEE
343	ART STUDIO-NON MAJ		03.0 CR		
1	10.00-11.50	M W F	0843	104	CAVEY ROBERT
2	02.00-03.50	M W F	0843	104	PICK KAY
358A	PRINTMAKING- ETCH		04.0 TO 12.0 CR		
	PREREQ	ART 100, 12 HRS, ART 200, 12 H			
		RS AND CONSENT OF INST			
1	08.00-10.50	T TH	PULL	208	WRIGHT C JAMES
358B	PRINTMAKING- LITH		04.0 TO 12.0 CR		
	PREREQ	ART 100, 12 HRS, ART 200, 12 H			
		RS AND CONSENT OF INST			
1	02.00-03.50	M W F	PULL	204	VERSAGGII FRANK
358C	PRINTMAKING-SILKSCR		04.0 TO 12.0 CR		
	PREREQ	ART 100, 12 HRS, ART 200, 12 H			
		RS AND CONSENT OF INST			
1	12.00-01.50	M W F	PULL	208	FOLKMAN DAVID E
365	ART ED METHODS		04.0 CR		
	PREREQ	ART 100			
1	12.00-02.50	T TH	0833	117	GREENFIELD SYLVIA R
	RESTR TO MAJORS IN THE SCHOOL OF ART				
385A	WEAVING - BEGIN		04.0 CR		
	PREREQ	12 HRS OF ART 100 OR CONSENT O			
		F INSTR			
2	02.00-04.50	T TH	PULL I	105	ARTEMIADIS ZAFIRIA
385B	WEAVING - INTERMED		04.0 CR		
	PREREQ	ART 385A			
1	08.00-10.50	T TH	0702	101	ARTEMIADIS ZAFIRIA
393	SCULPTURE		04.0 TO 12.0 CR		
	PREREQ	ART 200-12 HRS			
1	08.00-10.50	T TH	0549	101	ADDINGTON ALDON M
2	02.00-04.50	T TH	0549	101	ADDINGTON ALDON M
401	RESEARCH PAINTING		02.0 TO 12.0 CR		
1	TO BE ARRANGED				LINK LAWRENCE
405	STUDIO IN SCULPTURE		02.0 TO 12.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1	02.00-04.50	T TH			ADDINGTON ALDON M
406	STUDIO IN PAINTING		02.0 TO 12.0 CR		
1	TO BE ARRANGED				BERNSTEIN
410	RESEARCH IN PRINTS		02.0 TO 12.0 CR		
	PREREQ	ART 358, 12 HRS			
1	TO BE ARRANGED				FOLKMAN DAVID E
420	RESEARCH POTTERY		02.0 TO 12.0 CR		
1	TO BE ARRANGED				VERGETTE NICHOLAS
428	STUDIO IN GLASS		02.0 TO 12.0 CR		
	PREREQ	ART MAJ ONLY, GRAD OR 8 HRS CER			
		AMICS & CONSENT- INSTR			
1	TO BE ARRANGED				BOYSEN WILLIAM
430	RES METAL CONSTR		02.0 TO 12.0 CR		
1	10.00-11.50	M W F	PULL I	105	KINGTON LOUIS BRENT
440	RESEARCH IN WEAVING		02.0 TO 12.0 CR		
1	11.00-01.50	T TH	PULL I	105	ARTEMIADIS ZAFIRIA
441	STUDIO IN DRAWING		02.0 TO 12.0 CR		
	PREREQ	ART 341-12 HRS			
1	08.00-09.50	M W F	PULL	201	ONKEN MIKE
2	08.00-10.50	T TH	PULL	201	FINK H L
460	RESEARCH ART EDUC		02.0 TO 12.0 CR		
1	01.00	M W F	0833	117	GREENFILED SYLVIA
483A	ADV ART HIST-REN		03.0 CR		
	PREREQ	ART 225A,B,C			
1	12.00	M W F	LAWSON	201	MAVIGLIANO GEORGE J
501	SEMINAR PAINTING		02.0 TO 12.0 CR		
1	TO BE ARRANGED				
504	RESEARCH-SCULPTURE		02.0 TO 12.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				SULLIVAN MILTON F
511	SEMINAR IN PRINTS		02.0 TO 12.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				



520	SEMINAR POTTERY	02.0 TO 12.0 CR		
1	TO BE ARRANGED			VERGETTE NICHOLAS
530	SEMINAR METAL CONST	02.0 TO 12.0 CR		
1	10.00-11.50 M W F	PULL I 105		KINGTON LOUIS BRENT
540	SEMINAR IN WEAVING	02.0 TO 12.0 CR		
1	11.00-01.50 T TH	0702 101		ARTEMIADIS ZAFIRIA
541	RESEARCH IN DRAWING	02.0 TO 12.0 CR		
	PREREQ 12 HRS OF ART 300			
1	TO BE ARRANGED			
566	RESEARCH ART EDUC	02.0 TO 12.0 CR		
1	TO BE ARRANGED			GREENFILED SYLVIA
571	READ ART HISTORY	02.0 TO 05.0 CR		
	PREREQ GRAD STANDING & CONSENT OF INSTR			
1	01.00-03.50 T	ALLYN 209		MAVIGILIANO GEORGE
573	PROB-ART HIST	03.0 TO 12.0 CR		
1	01.00-03.50 W	0842 105		SULLIVAN JAMES E
599	THESIS	02.0 TO 09.0 CR		
1	TO BE ARRANGED			

## Asian Studies (ASIA)

395A	CUL TRAD INDO-CHINA	04.0 CR		
1	03.00-04.50 T TH	0720 104		NGUYEN DINHHOA
395B	CUL TRAD INDO-CHINA	04.0 CR		
1	01.00-02.50 T TH	PULL 310		MARING ESTER

## Biology (BIOL)

305	GENETICS-CLAS & MDL	04.0 CR		
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING IN BIOLOGY			
1	11.00 MTWTH	LAWSON 101		GILMORE B STOTLAR
306	DEVELOPMENTAL BIOL	04.0 CR		
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING IN BIOLOGY			
1	01.00 MTWTH	LAWSON 201		PAPPELIS HAAS
307	ENVIRONMENTAL BIOL	04.0 CR		
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING			
1	09.00 MTWTH	NKRS B 440		
2	02.00 MTWTH	TECH A 111		
308	ORGANISMIC BIOLOGY	04.0 CR		
	PREREQ GSA 201B OR 210B OR ADVANCED STANDING			
1	08.00 MTWTH	LAWSON 201		
2	03.00 MTWTH	LAWSON 201		

## Black American Studies (BAS)

309	INTRO BLACK STUDIES	03.0 CR		
	PREREQ GSB 102 & 109			
1	03.00 M WTH	WHAM 328		
318	SEM-BLACK STUDIES	02.0 TO 12.0 CR		
	PREREQ GSB 309 OR GSC 325 OR CONSENT OF INSTR			
1	07.35-09.15 PM M W	WHAM 303		
320	SEM-GROUP LDRSHIP	02.0 CR		
	PREREQ GSB 109 OR CONSENT OF INSTRUCT OR			
1	06.00-07.25 PM TH	H EC 106		
322	METH OF BLK STUDIES	04.0 CR		
	PREREQ GSB 109 OR CONSENT OF INSTRUCT OR			
1	06.00-09.00 PM T	H EC 120		HOLMES JOHN S
340	BLACKS-PERFORM ARTS	04.0 CR		
	PREREQ GSC 325, HIST 349A,B,C, HIST 309 OR CONSENT OF DEPT			



1	02.00-03.50	T TH	WHAM	307	
409B	BLACK AMER SOC PROB			04.0	CR
	PREREQ BAS 409A				
1	06.00-09.00 PM	W	CL	24	ROBINSON WALTER

**Botany (BOT)**

300	MORPH NON-VAS PLANT			04.0	CR
	PREREQ GSA 201B				
1	01.00	M W F	LS II	450	STOTLER RAY
	01.00-02.50	T	LS II	404	
2	01.00	M W F	LS II	450	STOTLER RAY
	01.00-02.50	TH	LS II	404	
301	MORPH VAS PLANTS			05.0	CR
	PREREQ GSA 201B				
1	09.00	T TH	LS II	450	KAEISER MARGARET
	10.00-11.50	W F	LS II	480	
308	TAX-CULT PLANTS			05.0	CR
	PREREQ CONSENT OF INSTR				
1	10.00-11.50	TWTH	GREEN	101	MARBERRY WILLIAM M
320	PLANT PHYSIOLOGY			05.0	CR
	PREREQ GSA 201B, CHEM 350 OR MINOR IN CHEM				
1	08.00	M W F	LS II	450	YOPP JOHN H
	08.00-09.50	T TH	LS II	457	
2	08.00	M W F	LS II	450	YOPP JOHN H
	10.00-11.50	T TH	LS II	457	
335	GENETIC METHODS			02.0	CR
	PREREQ BIOL 305 OR EQUIV				
1	01.00-02.50	W F	LS II	404	STOTLER BARBARA
390	READINGS - BOTANY			02.0 TO 04.0	CR-(ELECTIVE PASS/FAIL)
	PREREQ BOT MAJOR AND CONSENT OF INSTR				
1	TO BE ARRANGED				
391	SPEC PROB IN BOTANY			02.0 TO 05.0	CR-(ELECTIVE PASS/FAIL)
	PREREQ BOT MAJOR AND CONSENT OF DEPT				
1	TO BE ARRANGED				
392	HONORS IN BOTANY			03.0 TO 21.0	CR
	PREREQ CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				
404	THE ALGAE			05.0	CR
	PREREQ BOT 300				
1	09.00	M W F	LS II	430	TINDALL DONALD R
	08.00-09.50	T TH	LS II	404	TINDALL DONALD R
405	MYCOLOGY			05.0	CR
	PREREQ BOT 300				
1	10.00	M W F	LS II	430	SUNDBERG WALTER
	10.00-11.50	T TH	LS II	404	SUNDBERG WALTER
425C	ADV PLANT PHYSIOL			05.0	CR
	PREREQ BOT 320, CHEM 350 OR CHEM MINOR				
1	11.00	M W F	LS II	430	SCHMID WALTER E
	10.00-11.50	T TH	LS II	453	SCHMID WALTER E
457	FOREST PATHOLOGY			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ BOT 456 OR CONSENT OF INSTR				
1	02.00	M W	LS II	453	PAPPELIS ARISTOTEL J
	01.00-02.50	T TH	LS II	453	
490A	PHOTO METHODS - B&W			04.0	CR
	PREREQ CONSENT OF INSTR				
1	03.00-04.50	MTWTHF	LS II	453	RICHARDSON JOHN A
503C	ADV ANGIOSPERM TAX			05.0	CR
	PREREQ CONSENT OF INSTR				
1	01.00-02.50	MTWTHF	LS II	457	MOHLENBROCK ROBERT
535	AQUATIC ENERGETICS			03.0	CR
	PREREQ CONSENT OF INSTR				
1	10.00-11.50	M W	LS II	404	VERDUIN JACOB
	LAB TBA ON SAT IN LS II 453				
542	BIOSYSTEMATICS			03.0	CR
	PREREQ BIOL 305				

1	01.00	M TH	LS II	480	UGENT DONALD
	01.00-02.50	T	LS II	480	UGENT DONALD
543	EXPERIMENT ECOLOGY			05.0 CR	
	PREREQ GSA 340, BOT 320, OR CONSENT OF INSTRUCTOR				
1	01.00	T TH	LS II	430	ASHBY WILLIAM CLARK
	LAB TO BE ARRANGED IN LS II			453	
570	READINGS - BOTANY			02.0 TO 05.0 CR	
1	TO BE ARRANGED				
580	SEMINAR			01.0 TO 03.0 CR	
1	12.00-01.50	M W	LS II	430	ROBERTSON PHILIP A
2	04.00	T	LAWSON	231	YOPP JOHN
590	INTRO TO RESEARCH			02.0 TO 04.0 CR	
1	TO BE ARRANGED				
2	09.00-11.50	M W F	LS II	457	MOHLENBROCK ROBERT
591	RESEARCH			03.0 TO 09.0 CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
599	THESIS			03.0 TO 09.0 CR	
1	TO BE ARRANGED				
600	DISSERTATION			01.0 TO 36.0 CR	
1	TO BE ARRANGED				

### Business Administration (B A)

500	RES METH & COMMUNIC			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	10.00-11.50	T	PULL	39	
	10.00-11.50	F	WHAM	203	
511	ACCOUNTING THEORY			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	10.00-11.50	M TH	CL	326	SCHMIDLEIN EDWARD
526	MANAGERIAL ECON			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	08.00-09.50	T TH	WHAM	319	SANDERS RONALD
530	FINANCIAL MGT			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	05.45-07.25	M W	CL	328	
532	FIN INST & MKTS			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	03.00-04.50	T F	CL	25	
540	MGR & ORG BEHAVIOR			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	08.00-09.50	M W	AG	148	HUNT JAMES G
541	OPERAT & CONTROL			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	01.00-02.50	T TH	CL	328	SANDERS RONALD L
551	PRODUCT STRATEGY			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	03.00-04.50	M TH	CL	25	MOORE JAMES
559	SEMINAR IN MKTG			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	02.00-04.50	W	CL	25	ANDERSEN CLIFTON
590	INDEPENDENT STUDY			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	TO BE ARRANGED				

598	BUSINESS POLICIES	04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR		
	CONSENT OF INSTR		
1	01.00-02.50 M W	CL 326	HUNT JAMES G
599	THESIS	04.0 TO 08.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR		
	CONSENT OF INSTR		
1	TO BE ARRANGED		

# Chemistry (CHEM)

110	INORGANIC CHEMISTRY	04.0 CR	
1	09.00 M W F	NKRS B 240	BROWN GEORGE E
	09.00 TH	NKRS C 118	
	08.00-10.50 T	NKRS C 108	
2	09.00 M W F	NKRS B 240	BROWN GEORGE E
	09.00 T	NKRS C 118	
	08.00-10.50 TH	NKRS C 108	
3	09.00 M W F	NKRS B 240	BROWN GEORGE E
	09.00 TH	NKRS C 118	
	08.00-10.50 T	NKRS C 106	
4	09.00 M W F	NKRS B 240	BROWN GEORGE E
	09.00 T	NKRS C 118	
	08.00-10.50 TH	NKRS C 106	
5	09.00 M W F	NKRS B 240	BROWN GEORGE E
	09.00 TH	NKRS C 118	
	01.00-03.50 TH	NKRS C 106	
122B	INTRO TO CHEM PRIN	03.0 CR	
	PREREQ CHEM 122A		
1	08.00 M W F	NKRS B 240	
	08.00 T	NKRS B 240	
2	08.00 M W F	NKRS B 240	
	08.00 TH	NKRS C 118	
3	11.00 M W F	NKRS B 240	
	11.00 T	NKRS B 240	
4	11.00 M W F	NKRS B 240	
	11.00 TH	NKRS C 118	
5	02.00 M W F	NKRS B 240	
	02.00 T	NKRS B 240	
6	02.00 M W F	NKRS B 240	
	02.00 TH	NKRS C 118	
122C	INTRO TO CHEM PRIN	03.0 CR	
	PREREQ CHEM 122B		
1	03.00 M W F	NKRS B 440	CASKEY A L
123B	INTRO TO LAB TECH	02.0 CR	
	PREREQ CHEM 123A		
1	08.00 TH	NKRS B 240	
	08.00-10.50 T	NKRS C 102	
2	08.00 TH	NKRS B 240	
	09.00-11.50 T	NKRS C 104	
3	08.00 TH	NKRS B 240	
	01.00-03.50 T	NKRS C 106	
4	08.00 TH	NKRS B 240	
	02.00-04.50 T	NKRS C 108	
5	10.00 T	NKRS B 240	
	08.00-10.50 TH	NKRS C 102	
6	10.00 T	NKRS B 240	
	09.00-11.50 TH	NKRS C 104	
7	10.00 T	NKRS B 240	
	01.00-03.50 TH	NKRS C 107	
8	10.00 T	NKRS B 240	
	02.00-04.50 TH	NKRS C 109	
9	02.00 TH	NKRS B 240	
	01.00-03.50 T	NKRS C 102	
10	02.00 TH	NKRS B 240	
	02.00-04.50 T	NKRS C 104	
11	02.00 TH	NKRS B 240	
	06.00-08.50 PM T	NKRS C 106	
12	02.00 TH	NKRS B 240	
	06.00-08.50 PM T	NKRS C 108	



123C	INTRO TO LAB TECH			03.0	CR	
	PREREQ	CHEM 123B				
1	09.00	T	NKRS C	218	CASKEY & COX	
	10.00-12.50	T	NKRS C	408		
	09.00-11.50	TH	NKRS C	408		
2	09.00	M	NKRS C	218		
	10.00-12.50	M	NKRS C	409		
	09.00-11.50	W	NKRS C	409		
3	12.00	T	NKRS C	218	CASKEY & COX	
	01.00-03.50	T	NKRS C	408		
	12.00-02.50	TH	NKRS C	408		
4	03.00	T	NKRS C	218	CASKEY & COX	
	04.00-06.50	T	NKRS C	409		
	03.00-05.50	TH	NKRS C	409		
305B	ORG CHEM-PRE PROF			05.0	CR	
	PREREQ	CHEM 305A				
1	10.00	M W F	NKRS B	240	HALL JOHN	
	11.00-01.50	M W	NKRS C	205		
	08.00	W	NKRS B	440	HALL JOHN	
2	10.00	M W F	NKRS B	240	HALL JOHN	
	03.00-05.50	M W	NKRS C	203		
	08.00	W	NKRS B	440	HALL JOHN	
3	10.00	M W F	NKRS B	240	HALL JOHN	
	11.00-01.50	T TH	NKRS C	205		
	08.00	W	NKRS B	440	HALL JOHN	
4	10.00	M W F	NKRS B	240	HALL JOHN	
	08.00	W	NKRS B	440		
	03.00-05.50	T TH	NKRS C	203	HALL JOHN	
305C	ORG CHEM-PRE PROF			05.0	CR	
	PREREQ	CHEM 305B				
1	11.00	M W F	NKRS B	440	SLOCUM DONALD	
	11.00	TH	NKRS B	240		
	08.00-10.50	M W	NKRS C	205		
2	11.00	M W F	NKRS B	440	SLOCUM DONALD	
	11.00	TH	NKRS B	240		
	02.00-04.50	M W	NKRS C	205		
3	11.00	M W F	NKRS B	440	SLOCUM DONALD	
	11.00	TH	NKRS B	240		
	08.00-10.50	T TH	NKRS C	205		
4	11.00	M W F	NKRS B	440	SLOCUM DONALD	
	11.00	TH	NKRS B	240		
	02.00-04.50	T TH	NKRS C	205		
342C	ORGANIC CHEMISTRY			03.0	CR	
	PREREQ	CHEM 342B				
1	08.00	M W F	NKRS C	118	WOTIZ JOHN	
343C	LAB TECHNIQUES			03.0	CR	
	PREREQ	CHEM 343B				
1	03.00	W	NKRS B	240	SMITH GERARD	
	12.00-02.50	M W	NKRS C	203		
2	03.00	W	NKRS B	240	SMITH GERARD	
	09.00-11.50	T TH	NKRS C	203		
3	03.00	W	NKRS B	240	SMITH GERARD	
	12.00-02.50	T TH	NKRS C	209		
350	BIOLOGICAL CHEM			04.0	CR	
	PREREQ	CHEM 240 OR CONSENT OF INSTRUCTOR				
1	10.00	M W F	NKRS B	440	BOLEN DAVID	
	11.00-01.50	T	NKRS C	204		
2	10.00	M W F	NKRS B	440	BOLEN DAVID	
	11.00-01.50	TH	NKRS C	204		
3	10.00	M W F	NKRS B	440	BOLEN DAVID	
	02.00-04.50	T	NKRS C	204		
4	10.00	M W F	NKRS B	440	BOLEN DAVID	
	02.00-04.50	TH	NKRS C	204		
5	10.00	M W F	NKRS B	440	BOLEN DAVID	
	08.00-10.50	T	NKRS C	204		
412	INORG PREPARATIONS			03.0	CR	
	PREREQ	CHEM 235, 305B OR 342C AND 343C				
1	08.00	T	NKRS C	218		
	01.00-03.50	W F	NKRS C	304		

432B	INST ANAL MEASMTS	04.0 CR			
	PREREQ CHEM 461B - MAY BE TAKEN CONCURRENTLY				
1	02.00 M W	NKRS A 278	COX JAMES A		
	LAB TBA				
433	INT QUANT ANALYSIS	03.0 CR			
	PREREQ CHEM 432A OR B & CHEM 461C				
1	01.00 T TH	NKRS C 118	COX JAMES A		
	LAB TBA				
451C	BIOCHEMISTRY	03.0 CR			
	PREREQ CHEM 451B				
1	08.00 M W F	NKRS C 218	SUNG MICHAEL		
455B	BIOCHEMISTRY LAB	04.0 CR			
	PREREQ 455A				
1	11.00 TH	NKRS C 410	BEMILLER JAMES N		
	TO BE ARRANGED		BEMILLER JAMES N		
	LAB TBA				
460	PRIN PHYSICAL CHEM	05.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ 122C,123C & 305C OR 342C,343C & 1 YR PHYS OR CONSENT				
1	02.00 M W F	NKRS C 118	KOSTER DAVID F		
	01.00-03.50 T TH	NKRS C 105			
2	02.00 M W F	NKRS C 118	KOSTER DAVID F		
	03.00-05.50 M W	NKRS C 105			
461C	PHYSICAL CHEMISTRY	04.0 CR			
	PREREQ CHEM 461B				
1	11.00 M W F	NKRS C 118	EMPTAGE MICHAEL		
	09.00-11.50 T	NKRS C 105			
2	11.00 M W F	NKRS C 118	EMPTAGE MICHAEL		
	09.00-11.50 TH	NKRS C 105			
464	INTR TO QUANT CHEM	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ CHEM 461C OR CONSENT OF INSTR				
1	03.00 M W F	NKRS C 116	GIBBARD H FRANK		
471	INDUSTRIAL CHEM	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ CHEM 305C OR 342C AND 343C				
1	09.00 M W F	NKRS C 118	HADLEY ELBERT H		
490	CHEM LITERATURE	02.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ 122C,123C&305C OR 342C&343C & READ GERMAN OR CONSENT				
1	03.00 T TH	NKRS A 278	TRIMBLE RUSSELL F		
496A	CHEM PROB ANALY	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN				
1	TO BE ARRANGED				
496B	CHEM PROB BIOCHEM	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN				
1	TO BE ARRANGED				
496C	CHEM PROB INORGANIC	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN				
1	TO BE ARRANGED				
496D	CHEM PROB ORGANIC	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN				
1	TO BE ARRANGED				
496E	CHEM PROB PHYSICAL	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN				
1	TO BE ARRANGED				
511B	ADV INORGAN CHEM	03.0 CR			
	PREREQ CHEM 461C				
1	01.00 M W F	NKRS C 118	TRIMBLE RUSSELL F		
539	ADV TOPICS-ANAL	02.0 TO 06.0 CR			
	PREREQ CHEM 432 AND 531				
1	10.00 M W F	NKRS C 118	GEIGER WILLIAM		
542	ADV ORG CHEM	03.0 CR			
	PREREQ CHEM 541				
1	11.00 M W F	NKRS C 218	WOTIZ JOHN		

549	ADV TOPICS-ORGANIC	02.0 TO 06.0 CR				
	PREREQ CHEM 543					
1	02.00	M W F	NKRS A	458	HALL JOHN	
553	PLANT BIOCHEMISTRY	03.0 CR				
	PREREQ CHEM 451C					
1	09.00	M W F	NKRS C	116	BEMILLER JAMES	
562B	QUANTUM CHEMISTRY	03.0 CR				
	PREREQ CHEM 562A					
1	03.00	M W F	NKRS A	278	MUSULIN BORIS	
563	CHEMICAL DYNAMICS	03.0 CR				
	PREREQ CHEM 461C					
1	11.00	M W F	NKRS A	278	TYRRELL JAMES	
594A	SP READ-CHEM ANALY	01.0 TO 15.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV					
1	TO BE ARRANGED					
594B	SP READ- BIOCHEM	01.0 TO 15.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIVISION					
1	TO BE ARRANGED					
594C	SP READ-CHEM INORG	01.0 TO 15.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV					
1	TO BE ARRANGED					
594D	SP READ-CHEM ORGAN	01.0 TO 15.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIVISION					
1	04.00-05.45	T F	NKRS B	440		
594E	SP READ-CHEM PHYS	01.0 TO 15.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV					
1	TO BE ARRANGED					
595A	ADV SEM-CHEM ANALY	00.0 TO 09.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV					
1	04.00-05.35	M	NKRS C	218	GEIGER WILLIAM	
595B	ADV SEM-CHEM BIO	00.0 TO 09.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV					
1	04.00-05.35	T	NKRS C	218	BOLEN DAVID	
595C	ADV SEM-CHEM INORG	00.0 TO 09.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV					
1	04.00-05.35	W	NKRS C	218	HINCKLEY CONRAD	
595D	ADV SEM-CHEM ORGAN	00.0 TO 09.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV					
1	04.00-05.35	F	NKRS C	218	SLOCUM DONALD	
595E	ADV SEM-CHEM PHYS	00.0 TO 09.0 CR				
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV					
1	04.00-05.35	TH	NKRS C	218	KOSTER DAVID	
598A	RES-ANALYTICAL CHEM	01.0 TO 48.0 CR				
	PREREQ M A DEGREE OR EQUIV					
1	TO BE ARRANGED					
598B	RES-BIOCHEM	01.0 TO 48.0 CR				
	PREREQ M A DEGREE OR EQUIV					
1	TO BE ARRANGED					
598C	RES-INORGANIC CHEM	01.0 TO 48.0 CR				
	PREREQ M A DEGREE OR EQUIV					
1	TO BE ARRANGED					
598D	RES-ORGANIC CHEM	01.0 TO 48.0 CR				
	PREREQ M A DEGREE OR EQUIV					
1	TO BE ARRANGED					
598E	RES-PHYSICAL CHEM	01.0 TO 48.0 CR				
	PREREQ M A DEGREE OR EQUIV					
1	TO BE ARRANGED					
599	THESIS	01.0 TO 09.0 CR				
	PREREQ CONSENT OF CHAIRMAN					
1	TO BE ARRANGED					



600A	DISSERT ANALYTICAL	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	TO BE ARRANGED		
600B	DISSERT BIOCHEM	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	TO BE ARRANGED		
600C	DISSERT INORGANIC	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	TO BE ARRANGED		
600D	DISSERT ORGANIC	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	12.00-02.50 T TH	NKRS C 410	ARNOLD RICHARD
600E	DISSERT - PHYSICAL	03.0 TO 48.0 CR	
	PREREQ ADMISSION TO PH D CANDIDACY		
1	TO BE ARRANGED		

### Child and Family (C & F)

227	FAMILY LIVING	03.0 CR	
1	09.00 M W F	H EC 140B	PATTISON JOYCE
2	03.00 M W F	LAWSON 121	
3	06.00-07.25 PM T TH	H EC 140B	
237	CHILD DEVELOPMENT	03.0 CR	
1	12.00 M W F	H EC 140B	PONTON MELVA
2	01.00 MT TH	NKRS B 440	PONTON MELVA
337	ADV CHILD DEVELOP	03.0 CR	
	PREREQ C&F 237		
1	10.00 M W F	H EC 140B	FLYNN TIMOTHY
345A	CHILD DEVELOP PRACT	02.0 CR	
	PREREQ C&F 237, PSYC 301, OR GSB 306		
1	04.00 T	H EC 206	HOSKINS BARBARA
	ADDITIONAL HRS TBA		
345B	CHILD DEVELOP PRACT	03.0 CR	
	PREREQ C&F 237, PSYC 301, OR GSB 306		
1	04.00 W	H EC 206	HOSKINS BARBARA
	ADDITIONAL HRS TBA		
366	FAMILY DEVELOPMENT	03.0 CR	
	PREREQ C&F 227 OR GSB 341		
1	09.00 M W F	H EC 206	BARLOW BRENT
408	WORKSHOP	02.0 TO 08.0 CR	
1	06.00-09.30 PM W	H EC 206	HOSKINS BARBARA
	ABOVE SECT-BLACK AMERICAN CHILD		
445	ADM PRE-SCHOOL PROG	04.0 CR	
	PREREQ C&F 345A OR 345B OR CONSENT OF INSTRUCTOR		
1	04.00-05.50 T TH	H EC 203	PONTON MELVA
466	PRACT PARENT-CHILD	02.0 CR	
	PREREQ 227 & 237		
1	04.00-05.50 W	H EC 203	BARLOW BRENT A
471	FIELD EXPERIENCE	02.0 TO 06.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		
481	READINGS	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTR & CHAIRMAN		
1	TO BE ARRANGED		ZUNICH MICHAEL
490	INTR-MAR & FAM COUN	04.0 CR	
	PREREQ C&F 227 OR EQUIV AND CONSENT OF INSTR		
1	02.00-03.50 T TH	H EC 202	PATTISON JOYCE
500	RESEARCH METHODS	04.0 CR	
	PREREQ GUID 505, MATH 420 OR CONSENT OF INSTR		
1	06.00-09.00 PM M	H EC 122	FLYNN TIMOTHY M
556	PRE-SCHOOL CHILD	04.0 CR	
1	06.00-09.00 PM T	H EC 203	ZUNICH MICHAEL
566	INTERPER REL IN FAM	04.0 CR	
1	06.00-09.00 PM TH	H EC 203	PATTISON JOYCE E

572	SPECIAL PROBLEMS	02.0 TO 05.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		ZUNICH MICHAEL
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		ZUNICH MICHAEL

### Cinema and Photography (C & P)

313	VISUAL DES IN PHOTO	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 320		
1	02.00-03.20	T TH	COMM 1122 GILMORE DAVID A
2	02.00-03.20	W F	COMM 1122 GILMORE DAVIDA
	LAB TBA-RESTR TO C&P MAJORS		
322	FUND OF COLOR PHOTO	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ C&P 321 & CONSENT OF DEPT		
1	08.00-09.50	M W	COMM 1122 SWEDLUND CHARLES A
	LAB TBA-RESTR TO C&P MAJORS		
2	08.00-09.50	T TH	COMM 1122 SWEDLUND CHARLES A
	LAB TBA-RESTR TO C&P MAJORS		
357	ADV FILM PRODUCTION	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ C&P 356 & CONSENT OF DEPT		
1	03.00-04.50	M	COMM 1122 MERCER JOHN
	04.00	W F	COMM 1122 MERCER JOHN
	LAB TO BE ARRANGED		
405	COMMERCIAL PHOTO	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 322		
1	11.00-12.50	T TH	COMM 1122 GILMORE DAVID A
2	11.00-12.50	T F	COMM 1135 GILMORE DAVID A
408	ADV PUBLICATIONS PH	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 407		
1	01.00	MTWTH	COMM 1122 HORRELL C WILLIAM
	09.00-11.50	S	COMM 1135 HORRELL C WILLIAM
418	DOCUMENTARY PHOTO	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 322		
1	10.00	MTWTH	COMM 1122 HORRELL C WILLIAM
	03.00-05.50	TH	COMM 1135 HORRELL C WILLIAM
421	PERS PHOTO EXPRESS	04.0 TO 08.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF DEPT		
1	11.00-12.50	M W	COMM 1122 SWEDLUND CHARLES A
456	WORKSHOP-FILM PROD	01.0 TO 06.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF DEPT & FILM PRO- DUCTION		
1	TO BE ARRANGED		PAINE FRANK R
458	PROJ-CINEMA & PHOTO	01.0 TO 12.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		DAVIS & STAFF
2	09.00-10.50	F	COMM 1122
	07.00-09.00 PM	M	COMM 1122
	SEC 2-SEM-PHOTO AS ART-RESTR TO ART GRAD STU-4CR ONLY		
460	HIST SILENT FILM	04.0 CR	-(ELECTIVE PASS/FAIL)
1	02.00-03.50	W	LAWSON 221
	02.00-03.50	F	LAWSON 231
	NOTE-ABOVE SECTION-\$5 SCREENING FEE		
480	IND STUDY IN C&P	01.0 TO 12.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		DAVIS AND STAFF
2	07.00-09.50 PM	T TH	COMM 1122 BLUMENBERG
	SECT 2-SEM ADV FILM THEORY-ENROLL 4CR		

### Clothing and Textiles (C & T)

104	BASIC TEXTILES	03.0 CR	
1	08.00	M W F	H EC 206 BENNETT MINA JO P
127B	CLOTHING CONSTRUCT	02.0 CR	-(ELECTIVE PASS/FAIL)
1	10.00-11.50	W F	H EC 310 BENNETT MINA JO
2	01.00-02.50	T TH	H EC 310 BENNETT MINA JO P

333	PAT DES & CLOTH CON	04.0 CR	
	PREREQ C&T 127 OR CONSENT OF CHAIRMAN		
1	10.00-11.50 T TH H EC 310	RIDLEY SAMANTHA SUE	
	12.00 F H EC 206		
2	01.00-02.50 M W H EC 310	RIDLEY SAMANTHA SUE	
	12.00 F H EC 206		
339	CLOTHING ECONOMICS	03.0 CR	
1	09.00 MT TH H EC 203	BENNETT MINA JO P	
364	DRAPING AND CONST	03.0 CR	
	PREREQ C&T 333 OR CONSENT OF CHAIRMAN		
1	10.00-11.50 T TH H EC 303	FRIEND SHIRLEY	
	10.00 F H EC 303		
395	SPECIAL PROBLEMS	01.0 TO 03.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		
432	WORKSHOP	03.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	08.00 MTWTH H EC 310		
	ABOVE SECT FOR 3 CR ONLY		
2	09.00 MT THF H EC 303	BERRY THELMA	
	ABOVE SECT FOR 4 CR ONLY		
433	ADV PAT DESIGNING	04.0 CR	
	PREREQ C&T 333 OR CONSENT OF CHAIRMAN		
1	01.00 M W H EC 303	BERRY THELMA H	
	01.00-02.50 T TH H EC 303	BERRY THELMA H	
440	CLOTHING THE FAMILY	04.0 CR	
1	03.00 MT THF H EC 206	RIDLEY SAMANTHA SUE	
470	SEMINAR IN C&T	03.0 CR	
	PREREQ CONSENT OF CHM		
1	11.00 M H EC 301	PADGETT ROSE	
	10.00-11.50 W H EC 301		
474	ADVANCED TEXTILES	04.0 CR	
	PREREQ C&T 304 OR CONSENT OF CHAIRMAN		
1	08.00 M H EC 301	PADGETT ROSE	
	08.00-09.50 W F H EC 301	PADGETT ROSE	
481	READINGS	01.0 TO 03.0 CR	
1	04.00 M WTH H EC 303	BERRY THELMA H	
572	SPECIAL PROBLEMS	01.0 TO 04.0 CR	
1	TO BE ARRANGED		
599	THESIS	01.0 TO 05.0 CR	
1	TO BE ARRANGED		

### Community Development (CD)

401	INTRO TO COMM DEV	04.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ 4 HRS SOC OR CONSENT OF INSTR		
1	09.00-10.50 M W 0686 29	VOTH DONALD E	
490	SEMINAR IN CD	04.0 CR	
	PREREQ CD 401		
1	10.00-11.50 T TH TECH A 122	KIRK & BHATTACHARYYA	
499	INDEPENDENT STUDY	01.0 TO 05.0 CR-(ELECTIVE PASS/FAIL)	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		
501	SMALL GP PROCESS-CD	04.0 CR	
	PREREQ CD 401, CONSENT OF INSTR		
1	01.30-05.30 TH 0686 29	DELANEY H R	
503	PROB & APPROACH- CD	04.0 CR	
	PREREQ CD 401, CONSENT OF INSTR		
1	03.00-04.50 T TH 0686 29	DENISE PAUL S	
511	LAB-SMALL GP PROCES	04.0 CR	
	PREREQ CD 401, 501 OR CONSENT OF INSTR		
1	TO BE ARRANGED		KIRK FRANK
512	CHNG AGNT-PLAN CHNG	04.0 CR	
	PREREQ CD 401, CD 502 OR PARALLEL		
1	TO BE ARRANGED		



- 513 LAB-STYLES & TECH 04.0 CR  
 PREREQ CD 401, CD 503, CONSENT OF INSTRUCTOR  
 1 TO BE ARRANGED
- 596 INDEPEND STUDY - CD 01.0 TO 08.0 CR  
 PREREQ CD 401 & CONSENT OF INSTR  
 1 TO BE ARRANGED
- 598 RES SEM IN CD 04.0 CR  
 PREREQ 401 OR CONSENT OF INSTRUCTOR  
 1 06.30-09.30 PM W TECH A 122 DELANEY H R
- 599 THESIS RESEARCH 01.0 TO 08.0 CR  
 PREREQ CD 401, 501, 502, 503, 511 & 598  
 1 TO BE ARRANGED

### Computer Science (CS)

- 202 INTRO-COMPUTER PROG 04.0 CR  
 PREREQ GSD 107 OR MATH 111A OR 1 1/2 YRS H.S. ALGEBRA
- 1 09.00 M W PARK 124  
 08.00 T TH NKRS A 157  
 ABOVE SECTION RESTR TO SCH OF BUSINESS STUDENTS
- 2 09.00 M W PARK 124  
 09.00 T TH NKRS A 157  
 ABOVE SECTION RESTR, MUST HAVE HAD MATH 140B OR 150B
- 3 09.00 M W PARK 124  
 10.00 T TH NKRS A 157  
 ABOVE SECTION RESTR TO SCH OF BUSINESS STUDENTS
- 4 09.00 M W PARK 124  
 11.00 T TH NKRS A 157
- 5 09.00 M W PARK 124  
 12.00 T TH NKRS A 157
- 6 09.00 M W PARK 124  
 01.00 T TH NKRS A 157
- 7 09.00 M W PARK 124  
 02.00 T TH NKRS A 157  
 ABOVE SECTION RESTR TO SCH OF BUSINESS STUDENTS
- 8 09.00 M W PARK 124  
 03.00 T TH NKRS A 157  
 ABOVE SECTION RESTR TO SCH OF BUSINESS STUDENTS
- 9 09.00 M W PARK 124  
 08.00 T TH NKRS A 458
- 10 09.00 M W PARK 124  
 09.00 T TH TECH A 120  
 ABOVE SECTION RESTR TO SCH OF BUSINESS STUDENTS
- 11 09.00 M W PARK 124  
 10.00 T TH TECH A 120
- 12 09.00 M W PARK 124  
 11.00 T TH NKRS A 458  
 ABOVE SECTION RESTR, MUST HAVE HAD MATH 140B OR 150B
- 13 09.00 M W PARK 124  
 12.00 T TH NKRS A 458  
 ABOVE SECTION RESTR TO SCH OF BUSINESS STUDENTS
- 14 09.00 M W PARK 124  
 01.00 T TH NKRS A 458  
 ABOVE SECTION RESTR, MUST HAVE HAD MATH 140B OR 150B
- 15 09.00 M W PARK 124  
 02.00 T TH NKRS A 458

16	09.00	M W	PARK	124
	03.00	T TH	NKRS A	458
17	09.00	M W	PARK	124
	08.00	T TH	NKRS A	278
18	09.00	M W	PARK	124
	09.00	T TH	NKRS A	278
19	09.00	M W	PARK	124
	12.00	T TH	NKRS A	278
20	09.00	M W	PARK	124
	02.00	T TH	NKRS A	278
302A	COMPUT STRUC & PROG			03.0 CR
	PREREQ CS 202			
1	09.00	M W	NKRS A	156
	10.00	T TH	NKRS A	278
2	09.00	M W	NKRS A	156
	11.00	T TH	NKRS A	278
3	09.00	M W	NKRS A	156
	01.00	T TH	NKRS A	278
302B	COMPUT STRUC & PROG			03.0 CR
	PREREQ CS 302A			
1	03.00	M W F	TECH A	220
311C	COBOL & BUSINESS DP			03.0 CR
	PREREQ CS 202			
1	06.00-07.25 PM	T TH	NKRS C	118
403	DATA STRUCTURES			03.0 CR
	PREREQ CS 302A			
1	10.00	M W F	TECH A	120
411	STRUCTURE-PROG LANG			03.0 CR
	PREREQ CS 302A			
1	09.00	M W F	NKRS A	278
445	APP BOOLEAN ALGEBRA			03.0 CR
	PREREQ 442			
1	02.00	M W F	NKRS C	410
	CROSSLISTED WITH MATH 429			
451	INTRO-TH OF COMPUT			03.0 CR
	PREREQ CS 442 & 445 OR CONSENT OF INSTR			
1	12.00	M W F	NKRS C	410
	CROSSLISTED WITH MATH 451			
472	INTRO-MATH PROGRAM			03.0 CR
	PREREQ MATH 421A			
1	01.00	M W F	NKRS A	458
	CROSSLISTED WITH MATH 472			
495	READINGS			01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR & DEPARTMENT			
1	TO BE ARRANGED			
514	SYS PROGRAMMING II			03.0 CR
	PREREQ 414			
1	11.00	M W F	0834	114
516B	COMPILER CONSTRUCT			03.0 CR
	PREREQ 403 & 411			
1	10.00	M W F	NKRS A	278
564A	NUMERICAL ANALY II			03.0 CR
	PREREQ CONSENT OF INSTR			
1	04.00	M W F	NKRS A	458
	CROSSLISTED WITH MATH 572A			
593	SEMINAR			01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR			
1	04.00	T TH	NKRS A	458
595	READINGS			01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR & DEPARTMENT			
1	TO BE ARRANGED			
597	SPECIAL PROBLEMS			01.0 TO 09.0 CR
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			
599	THESIS			01.0 TO 09.0 CR
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED			

## Conservation and Outdoor Education (CO ED)

301	OUTDOOR EDUCATION			04.0 CR	
1	08.00-09.50	T	WHAM	307	
	08.00-10.50	F	WHAM	307	
	WEEKEND FIELD TRIP REQUIRED				
2	08.00-09.50	M	COMM	1021	
	08.00-10.50	TH	COMM	1021	
	WEEKEND FIELD TRIP REQUIRED				
3	01.00-02.50	M	PULL	119	
	01.00-03.50	W	PULL	119	
	WEEKEND FIELD TRIP REQUIRED				
320	NATURE INTERP			04.0 CR	
1	09.00	M	WHAM	307	
	08.00-11.30	W	WHAM	307	
2	12.00-01.50	T	WHAM	303	
	12.00-02.50	TH	WHAM	303	
490	PRACT OUTDOOR ED			02.0 TO 12.0 CR	
	PREREQ DEPARTMENT CONSENT				
1	TO BE ARRANGED				NOWAK PAUL F
510	OUTDOOR ED WORKSHP			04.0 CR	
1	06.30-09.00 PM	T	WHAM	317	NOWAK PAUL F
596	INDEPENDENT STUDY			02.0 TO 09.0 CR	
1	TO BE ARRANGED				NOWAK PAUL F

## Design (DES)

201A	DESIGN FUNDAMENTALS			05.0 CR	
1	06.30-08.30 PM	W	LAWSON	161	BUSCH LARRY
	02.00-03.30	M TH	0847	107	
2	06.30-08.30 PM	W	LAWSON	161	BUSCH LARRY
	02.00-03.30	M TH	0863	109	
	ABOVE SECTION IS A HOLD SECTION				
3	06.30-08.30 PM	W	LAWSON	161	BUSCH LARRY
	03.30-05.00	M TH	0847	107	
4	06.30-08.30 PM	W	LAWSON	161	BUSCH LARRY
	03.30-05.00	M TH	0863	109	
	ABOVE SECTION IS A HOLD SECTION				
5	06.30-08.30 PM	W	LAWSON	161	BUSCH LARRY
	06.00-07.30 PM	M TH	0847	107	
6	06.30-08.30 PM	W	LAWSON	161	BUSCH LARRY
	06.00-07.30 PM	M TH	0863	109	
	ABOVE SECTION IS A HOLD SECTION				
7	06.30-08.30 PM	W	LAWSON	161	
	07.30-09.00 PM	M TH	0847	107	
8	06.30-08.30 PM	W	LAWSON	161	
	07.30-09.00 PM	M TH	0863	109	
	ABOVE SECTION IS A HOLD SECTION				
310	MAT & PROC EXPLOR			04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR				
1	10.00-11.50	M W	0848	103	ARCHER RICHER
320	PROB SOLV STRATEGY			04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR				
1	10.00-11.50	T TH	0847	107	JOHNSON VERN
330	PHOTO FOR DESIGNERS			02.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR				
1	01.00-04.50	T	0857	101	NEWMAN GERRI
335	BASIC VISUAL COMM			04.0 CR	
1	10.00-11.50	M W F	0852	101	NEWMAN GERRI
340	INTRO TO CUMP GRAPH			04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR				
1	01.00-02.50	T TH	0851	100	FETTER WILLIAM
350	3-D STUDIES			04.0 CR	
	PREREQ CONSENT OF INSTR				
1	09.00-11.50	M	0863	109	PUGH ANTHONY
351	STRUCTURAL STUDIES			04.0 CR	
	PREREQ CONSENT OF INSTR				
1	09.00-11.50	T	0863	109	PUGH ANTHONY



354	HU SETTL-TH FOR DES	04.0 CR	
	PREREQ COURSE LEVEL ATTAINMENT		
1	10.00-11.50 T TH 0849 100		JEROME MICHAEL
362	INTRO TO ENVIR DES	04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR		
1	TO BE ARRANGED		KACHEL TOM
370	BASIC SYS ANALYSIS	04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR		
1	TO BE ARRANGED		ASHWORTH BOB
391	UNDERGRAD SEMINAR	04.0 CR	
1	TO BE ARRANGED		
399	INDEPENDENT STUDY 02.0 TO 04.0 CR		
	PREREQ JR STANDING IN DES AND CONSENT		
	OF DEPT		
1	TO BE ARRANGED		
420	PORTFOL & DISPL TEC	02.0 CR	
	PREREQ SR IN DES OR CONSENT OF INSTR		
	& UNDERGRAD STATUS		
1	TO BE ARRANGED		KACHEL TOM
435A	HUMAN COMM DES LAB	08.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR &		
	UNDERGRAD STATUS		
1	01.00-04.50 M WTH 0856 100		ROAN HERBERT
445A	COMPUTER GRAPH LAB	08.0 CR	
	PREREQ DES 335,340 OR 341 OR CONSENT		
	OF INSTR & UGRAD STAT		
1	01.00-04.50 M W F 0851 100		FETTER WILLIAM
450	STRUCTURAL STUDIES	04.0 CR	
	PREREQ CONSENT OF INSTR & UNDERGRAD		
	STATUS		
1	10.00-11.50 TH 0863 109		
	01.00-02.50 TH 0863 109		PUGH ANTHONY
462A	DES & ENVIRONMENT	08.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR &		
	UNDERGRAD STATUS		
1	01.00-04.50 M W F 0857 101		JOHNSON VERN
464A	PRACTICE OF DESIGN	08.0 CR	
	PREREQ DES 354 & UNDERGRAD STATUS		
1	01.00-04.50 M W F 0849 100		JEROME MICHAEL
485A	DESIGN SCIENCE LAB	08.0 CR	
	PREREQ SR IN DES OR CONSENT OF INSTR		
	& UNDERGRAD STATUS		
1	01.00-04.50 M W F 0855 100		PERK WILLIAM
491	SR SEMINAR IN DES	04.0 TO 24.0 CR	
	PREREQ CONSENT OF DEPT & UNDERGRAD		
	STATUS		
1	TO BE ARRANGED		
496	SPECIAL PROB IN DES	04.0 TO 12.0 CR	
	PREREQ SR IN DES & CONSENT OF DEPT &		
	UNDERGRAD STATUS		
1	TO BE ARRANGED		
499	SR HONORS RESEARCH	04.0 TO 12.0 CR	
	PREREQ SR IN DES & CONSENT OF INSTR &		
	UNDERGRAD STATUS		
1	TO BE ARRANGED		

#### Economics (ECON)

214	ECONOMICS-MACRO	04.0 CR -(ELECTIVE PASS/FAIL)
1	08.00 MTW F AG 166	
2	09.00 TWTHF AG 214	
3	01.00 TWTHF PARK 204	
4	03.00-04.50 M LAWSON 101	
	03.00-04.50 TH LAWSON 131	
5	05.45-07.25 M W LAWSON 221	
215	ECONOMICS-MICRO	04.0 CR -(ELECTIVE PASS/FAIL)
1	08.00 TWTHF WHAM 302	
2	10.00 MTW F PARK 204	

3	12.00	MT THF	PARK	204	
4	03.00-04.50	T TH	LAWSON	101	
5	05.45-07.25	M W	LAWSON	231	
301	ECONOMIC READINGS	01.0 TO 06.0	CR-(ELECTIVE PASS/FAIL)		
	PREREQ	CONSENT OF INSTR & CHAIRMAN			
1	TO BE ARRANGED				
308	ECON-BUS STAT I		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	GSD 110			
1	08.00	M W F	CL	109	ELLIS D
	08.00	TH	COMM	1022	
2	11.00	MT THF	AG	116	MARTINSEK T
3	12.00	M WTHF	CL	24	STOWE P
4	01.00	M WTHF	WHAM	203	BOHI DOUGLAS R
5	02.00	MT THF	AG	144	BUSER S
6	05.45-07.25	M W	CL	109	BOHI D
310	LABOR PROBLEMS		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 215			
1	01.00	T THF	CL	109	FORD A
	01.00	M	AG	144	
315	MONEY AND BANKING I		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 214			
1	10.00	MTWTH	PARK	111	ELLIS R
2	02.00	MTW F	WHAM	302	BUSER S
330	PUBLIC FINANCE		04.0 CR -(ELECTIVE PASS/FAIL)		
1	11.00	MTW F	AG	216	RUSSELL
419	LATIN AMER ECON DEV		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 214 OR CONSENT OF INSTR			
1	12.00	TWTHF	CL	328	VOGEL R
420B	RECENT EC HIST U S		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 214 AND 215 OR CONSENT OF INSTR			
1	09.00	MTWTH	CL	328	LAYER R
422	INTRO ECON DEVELOP		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 214 AND 215			
1	01.00	MTWTH	AG	148	BADRE A
429	INTERNATIONAL ECON		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 214 & 215 OR CONSENT OF INSTR			
1	02.00	M WTHF	AG	222	STOWE PETER S
440	INTERMED MICRO THEO		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 215 OR CONSENT OF INSTR			
1	08.00	MT THF	WHAM	206	BLACKORBY C
441	INTERMED MACRO TH		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 214 OR CONSENT OF INSTR			
1	10.00	TWTHF	0875	101	STALON C
443	SEM-ECON PROB & POL		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 440 AND 441			
1	02.00	TWTHF	LS II	350	CORNWALL J
462	EC DEV MIDDLE EAST		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	ECON 214 AND 215 OR CONSENT OF INSTR			
1	11.00	MT TH	WHAM	307	BADRE A
	11.00	W	WHAM	317	
465	MATH ECON I		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	MATH 140A,B AND ECON 440 OR CONSENT OF INSTR			
1	12.00	MTWTH	CL	326	BLACKORBY
501	ECONOMICS READINGS	01.0 TO 12.0	CR		
	PREREQ	CONSENT OF INSTR AND CHAIRMAN			
1	TO BE ARRANGED				
502	READING IN RES ECON	01.0 TO 06.0	CR		
	PREREQ	CONSENT OF FORESTRY DEPT			
1	TO BE ARRANGED				
505	SEM-POLITICAL ECON		02.0 CR		
	PREREQ	ECON 440 OR CONSENT OF INSTR			
1	03.00-04.50	W	WHAM	302	RUSSELL M
507	PRACT-UNDERGRAD TCH		01.0 CR		
1	03.00	F	WHAM	302	FORD A

512	SEM-LABOR INSTITUT			04.0 CR	
	PREREQ	ECON 411			
1	05.45-07.25	M W	CL	326	FORAN T
517	MONETARY TH & POL			04.0 CR	
	PREREQ	ECON 541	OR CONSENT OF INSTR		
1	11.00	M W F	CL	25	BUSER S
	11.00	TH	LS II	330	
540B	MICROECON THEORY II			04.0 CR	
	PREREQ	540A	OR CONSENT OF INSTR		
1	09.00	MT THF	CL	326	MARTINSEK THOMAS A
552	SEM IN ECON THOUGHT			04.0 CR	
	PREREQ	ECON 450A	OR B OR CONSENT OF INSTRUCTOR		
1	07.35-09.15 PM	T TH	CL	25	HICKMAN R
567A	ECONOMETRICS I			04.0 CR	
	PREREQ	MATH 410A,B	OR CONSENT OF INSTR		
1	10.00	MT THF	WHAM	303	BUNGER BYRON M
571	SEM-CONTEMP MACR TH			04.0 CR	
	PREREQ	ECON 541B			
1	05.45-07.25	T TH	CL	25	CORNWALL JOHN L
590	SEM-CONTEMP ECON			01.0 CR	
1	04.00	F	WHAM	302	CORNWALL J
599	THESIS		01.0 TO 09.0 CR		
1	TO BE ARRANGED				EDELMAN MILTON T
600	DOCTORAL DISSERTAT		01.0 TO 48.0 CR		
1	TO BE ARRANGED				

#### Educational Administration and Foundations (EDAF)

355	PHILOSOPHY OF EDUC			04.0 CR	
1	08.00	MTWTH	WHAM	208	
2	09.00	MTWTH	WHAM	305	
3	09.00	TWTHF	WHAM	303	
4	10.00	MTWTH	WHAM	203	
5	10.00	MTWTH	H EC	208	
	ABOVE SECT CROSSLISTED WITH PHIL				
6	11.00	MTWTH	WHAM	228	
7	12.00	MTWTH	WHAM	205	
8	01.00	TWTHF	WHAM	210	
9	01.00	MTWTH	WHAM	206	
10	02.00	MTWTH	WHAM	203	
11	03.00	MTWTH	WHAM	203	
12	05.45-07.25	T TH	WHAM	228	
431	HIST OF EDUC IN U S			04.0 CR	
1	06.30-09.00 PM	W	WHAM	319	EATON WILLIAM E
500	RESEARCH METHODS			04.0 CR	
1	06.30-09.00 PM	W	WHAM	205	BACH JACOB O
2	06.30-09.00 PM	T	WHAM	326	BACH JACOB O
501C	SEMINAR IN EDAD			04.0 CR	
	PREREQ	EDAF 501B			
1	06.30-09.00 PM	M	WHAM	321	SASSE & STUCK
502E	SEM COM ED-ENGLAND			04.0 CR	
1	06.30-09.00 PM	T	WHAM	301B	DENNIS LAWRENCE
504	SEM HIST EUR EDUC			04.0 CR	
1	01.00-02.50	M W	WHAM	301A	MCKENZIE WM
507C	20TH CENTURY & EDUC			04.0 CR	
1	06.30-09.00 PM	TH	WHAM	202	EATON WILLIAM
508A	INTERDISCIP SEM ED			04.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	06.30-09.00 PM	T	WHAM	321	MOORE MALVIN JR
511A	INTERN PRACTICUM			04.0 CR	
	PREREQ	CONSENT OF THE DEPARTMENT ADVISORY COMMITTEE			
1	TO BE ARRANGED				ARMISTEAD & MOORE
511B	INTERN PRACTICUM			04.0 CR	
	PREREQ	511A			
1	TO BE ARRANGED				ARMISTEAD & MOORE



511C	INTERN PRACTICUM		04.0	CR	
	PREREQ 511B				
1	TO BE ARRANGED				ARMISTEAD & MOORE
520B	ILLINOIS SCHOOL LAW		04.0	CR	
1	06.30-09.00 PM	TH	WHAM	301B	SEALEY RONALD W
524B	SCHL ADMINISTRATION		04.0	CR	
	PREREQ EDAF 524A				
1	06.30-09.00 PM	W	WHAM	307	CRUCE DONALD
524C	SCHL ADMINISTRATION		04.0	CR	
	PREREQ EDAF 524B				
1	06.30-09.00 PM	W	WHAM	321	PARKER JAMES
533	SCHOOL BUILDINGS		04.0	CR	
1	06.30-09.00 PM	TH	WHAM	212	CRUCE DONALD
534A	SCHOOL FINANCE		04.0	CR	
1	06.30-09.00 PM	T	WHAM	203	KAISER DALE
554	CONTRAST PHIL IN ED		04.0	CR	
1	09.00-11.30	S	WHAM	328	LEAN ARTHUR EDWARD
556A	SCHOOL SUPERVISION		04.0	CR	
1	06.30-09.00 PM	M	WHAM	319	ARMISTEAD FRED
560	CURRICULUM		04.0	CR	
1	06.30-09.00 PM	T	WHAM	329	
	CROSSLISTED WITH S ED 561				
563	SCHOOL PUBLIC REL		04.0	CR	
1	06.30-09.00 PM	W	WHAM	301B	SHELTON WILLIAM
575A	IND RES CURRICULUM		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				ARMISTEAD FRED
575B	IND RES SUPERVISION		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				ARMISTEAD FRED J
575C	IND RES BUILDINGS		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				CRUCE DONALD G
575D	IND RES FINANCE		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				PARKER JAMES C
575E	IND RES SCHOOL LAW		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				SEALEY RONALD W
575F	IND RES COMPAR EDUC		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				LEAN ARTHUR EDWARD
575G	IND RES HIST EDUC		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				EATON WILLIAM E
575H	IND RES PHIL EDUC		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				MCKENZIE WILLIAM R
575J	IND RES ADMIN		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				SASSE EDWARD B
576A	READINGS ADM-FOUND		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
576B	READINGS ADM-FOUND		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
576C	READINGS ADM-FOUND		01.0 TO 04.0	CR	
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
589	GEN GRAD SEMINAR		02.0 TO 12.0	CR	
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
	CROSS LISTED WITH PHIL590				
591	SEM-SOC & PHIL FOUN		02.0	CR	
	PREREQ ADVANCED STANDING				
1	10.00-11.50	M W	WHAM	212	DENNIS LAWRENCE J
	STUDENTS MUST ALSO ENROLL FOR GUID 590				

592	DOCT SEM CULT FOUND	04.0 CR	
	PREREQ 591		
1	10.00-11.50	T TH	WHAM 212 LEAN ARTHUR
2	02.00-03.50	T TH	WHAM 319 MCKENZIE WILLIAM
596	IND INVESTIGATION	05.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
1	TO BE ARRANGED		

# Elementary Education (ELED)

100	INTRO TO ELEM EDUC	03.0 CR	
	PREREQ FRESHMAN OR SOPHOMORE STANDING		
1	01.00	M W F	WHAM 319 MISTRY VEENA
101	DEVEL READ-LRN SKIL	02.0 CR	-(MANDATORY PASS/FAIL)
1	02.00	M W F	WHAM 319 SNYDER VIVIAN E
	ABOVE SECTION RESTR-DEV SKILLS PROG		
2	03.00	M W F	WHAM 319 SNYDER VIVIAN E
	ABOVE SECTION RESTR-DEV SKILLS PROG		
3	04.00	M W F	WHAM 319 SNYDER VIVIAN E
	ABOVE SECTION RESTR-DEV SKILLS PROG		
4	07.00-08.30 PM	T TH	WHAM 319
	ABOVE SECTION RESTR-DEV SKILLS PROG		
203	UNDRSTD EL SCH CHLD	03.0 CR	
	PREREQ GSB 201C		
1	02.00	T TH	WHAM 206 LEE J MURRAY
2	03.00	T TH	WHAM 206 LEE J MURRAY
309	KIND-PRIM SOC STUD	03.0 CR	
	PREREQ 316		
1	02.00	MT TH	WHAM 208 ZIMNY BILLIE
310	TEACHING OF EL MATH	04.0 CR	
	PREREQ GSD 107		
1	08.00	MTWTH	WHAM 202
2	10.00	MTWTH	WHAM 210
3	11.00	MTWTH	WHAM 202
4	12.00	MTWTH	WHAM 202
5	02.00	MTWTH	WHAM 202
6	06.00-09.00 PM	T	WHAM 202
312	INSTR ANAL&FIELD WK	02.0 TO 08.0 CR	
	PREREQ ADMISSION TO TEACHER EDUCATION PROGRAM		
1	TO BE ARRANGED		DIXON BILLY G
	SEE DEPT PROFESSIONAL ED EXPER PRIOR TO REGISTRATION		
2	TO BE ARRANGED		DIXON BILLY G
	SECT 2 RESTR-ELED-BLK PRGRM-2CR ONLY-SEE NOTE BELOW		
314	ELEM SCHOOL METHODS	04.0 CR	
	PREREQ GUID 305		
1	09.00	MTWTH	WHAM 208 LAMB MORRIS
2	10.00	MT THF	WHAM 208 LEE J MURRAY
3	11.00	MTWTH	WHAM 208 BURNS WINONA
4	03.00	MTWTH	WHAM 208 BURNS WINONA
5	06.00-09.00 PM	W	WHAM 208 GRINDSTAFF RAY
6	06.00-09.00 PM	T	WHAM 206 LINDBERG DORMALEE
	ALL SEC OF ELED 314 RESTR TO ELED SP E SP&A MAJORS		
316	KINDER PRIMARY METH	04.0 CR	
	PREREQ GUID 305		
1	06.00-09.00 PM	TH	WHAM 305 ZIMNY BILLIE
337	READING IN ELEM SCH	04.0 CR	
	PREREQ 314		
1	08.00	MT THF	WHAM 203 CASPERS EARL M
	ABOVE SECTION RESTR TO BLOCK PROGRAM		
2	09.00	MTWTH	WHAM 203 BROD ERNEST E
	ABOVE SECTION TO ELED MAJORS		
3	11.00	MTWTH	WHAM 203 BROD ERNEST E
	ABOVE SECTION RESTR TO ELED MAJORS		



4	12.00	MT THF	WHAM	203	JACKSON EVELYN
	ABOVE SECTION RESTR TO BLOCK PROGRAM				
5	06.00-09.00 PM	M	WHAM	206	HUMADI MARGARET C
	ALL SECT ELED 337 RESTR TO ELED,SP E, SP+A MAJORS				
350	KIND PRI STUD TCH			04.0 TO 16.0 CR	
1	TO BE ARRANGED				
	SEE FOOTNOTE BELOW				
351	EL STUDENT TCH			04.0 TO 16.0 CR	
1	TO BE ARRANGED				
	GENERAL				
2	TO BE ARRANGED				
	ART				
3	TO BE ARRANGED				
	SP ED--M.R.				
4	TO BE ARRANGED				
	MUSIC				
5	TO BE ARRANGED				
	P E				
6	TO BE ARRANGED				
	P H				
7	TO BE ARRANGED				
	SP C				
8	TO BE ARRANGED				
	SP ED--E.D.				
9	TO BE ARRANGED				
	SP ED--L.D.				
ELED 350 and 351 - Student teachers are expected to be on duty in the public schools according to the calendar of the schools in which they are teaching. During the time in which University students are student teaching, it may therefore be necessary for them to follow a calendar different from the quarterly University calendar. When this is necessary, the Chairman of Professional Education Experiences will inform the students sufficiently far enough in advance so that they may make necessary arrangements.					
375	READINGS IN EL ED			02.0 TO 03.0 CR	
1	TO BE ARRANGED				
	ELED 375 RESTRICTED TO CONSENT OF INSTRUCTOR				
410	KIND-PRI ARITHMETIC			04.0 CR	
	PREREQ MATH 310				
1	06.00-09.00 PM	T	WHAM	208	
411	SEM - INSTRUCTION			04.0 CR	
1	10.00	MT THF	WHAM	305	LINDBERG DORMALEE H
	ABOVE SECTION RESTR-SEE NOTE BELOW				
2	11.00	MT THF	WHAM	305	LINDBERG DORMALEE H
	ABOVE SECTION RESTR-SEE NOTE BELOW				
413	CHILDRENS LIT			04.0 CR	
	PREREQ GUID 305				
1	09.00	MTWTH	WHAM	210	MATTHIAS MARGARET
2	11.00	MTWTH	WHAM	205	MATTHIAS MARGARET
415	IMPR ARITH ELEM SCH			02.0 TO 04.0 CR	
	PREREQ MATH 310 OR CONSENT OF INSTR				
1	06.00-09.00 PM	TH	WHAM	208	
423	TCH EL ENG LANG ART			04.0 CR	
	PREREQ ELED 314 & 337 OR 316 & 337				
1	09.00	MT THF	WHAM	205	SHEPHERD TERRY R
2	10.00	MT THF	WHAM	205	QUISENBERRY NANCY L
3	12.00	MT THF	WHAM	210	SHEPHERD TERRY R
4	02.00	MT THF	WHAM	210	QUISENBERRY NANCY L
5	06.00-09.00 PM	T	WHAM	210	GULLEY SARAH
424	TEACH EL SOC STUD			04.0 CR	
	PREREQ ELED 314, 316, AND 337				
1	09.00	MT THF	WHAM	206	SLOAN FRED A JR
2	11.00	MTWTH	WHAM	210	LAMB MORRIS
3	02.00	M W	WHAM	206	LAMB MORRIS
	02.00	T TH	H EC	118	LAMB MORRIS



4	03.00	MT THF	WHAM	210	SWICK KEVIN J
5	06.00-09.00 PM	M	WHAM	305	SLOAN FRED A JR
431	ED FOR DISADV CHILD			04.0 CR	
	PREREQ 337				
1	10.00	MT THF	WHAM	206	SWICK KEVIN J
	ABOVE SECTION RESTR-SEE NOTE BELOW				
2	11.00	MT THF	WHAM	319	SWICK KEVIN J
	ABOVE SECTION RESTR-SEE NOTE BELOW				

ELED Block Program - Students must leave Wed. free for participation in the schools and take ELED 411, 431, 312-Sec. 2, and 337 (sections 1 or 4) and any other specialized methods course which does not conflict with Wednesday.

437	PROB IN READING			04.0 CR	
	PREREQ SENIOR STANDING, 337, NOT OPEN TO ONES HAVING HAD 505				
1	06.00-09.00 PM	TH	WHAM	317	HILL MARGARET
441	INTRO-TEACH EL SCI			04.0 CR	
	PREREQ ELED 314				
1	09.00	MTWTH	PULL	304	HUNGERFORD HAROLD R
2	10.00	MTWTH	PULL	304	TOMERA AUDREY N
3	01.00	MTWTH	PULL	304	HUNGERFORD HAROLD R
4	06.00-09.00 PM	T	PULL	304	WALDING HENRY G
5	06.00-09.00 PM	TH	PULL	304	TOMERA AUDREY N
442	ANLY&DES EL SCI CUR			04.0 CR	
	PREREQ 441 OR CONSENT OF INSTR				
1	03.00-04.50	MT	PULL	304	HUNGERFORD HAROLD R
505	READING IN ELEM SCH			04.0 CR	
1	06.30-09.00 PM	M	WHAM	203	BROD ERNEST E
507	READINGS IN READING			02.0 TO 04.0 CR	
	PREREQ 505 AND CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				HILL MARGARET KEYSER
2	TO BE ARRANGED				BROD ERNEST E
3	TO BE ARRANGED				FISCHO DANIEL
509	PRACTICUM IN READ			04.0 TO 08.0 CR	
	PREREQ 521A, B, AND C, & CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				FISHCO DANIEL T
514	ORG & ADMIN RD PROG			04.0 CR	
	PREREQ 461 AND 505				
1	06.30-09.00 PM	T	WHAM	144	HILL MARGARET
516	INTERN IN READING			04.0 TO 12.0 CR	
	PREREQ 521A, B, AND C, & CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				HILL MARGARET KEYSER
517	KIND-PRI PRACTICUM			02.0 TO 04.0 CR	
	PREREQ 8 HOURS OF STUDENT TEACHING				
1	TO BE ARRANGED				MATTHIAS MARGARET
519	READINGS-ELEM MATH			02.0 TO 04.0 CR	
	PREREQ 415, 515				
1	TO BE ARRANGED				
521C	DIAG-COR READ DISAB			04.0 CR	
	PREREQ 521B				
1	09.00-11.30	S	WHAM	118	FISCHO DANIEL T
2	09.00-11.30	F	WHAM	118	FISHCO DANIEL T
537	KIND-PRI READING			04.0 CR	
	PREREQ 337 OR CONSENT OF INSTRUCTOR				
1	06.30-09.00 PM	W	WHAM	203	QUISENBERRY NANCY
542	LANG ARTS IN EL SCH			01.0 TO 04.0 CR	
1	06.30-09.00 PM	M	WHAM	210	SHEPHERD TERRY R
561	ELEM SCH CURR			04.0 CR	
1	06.30-09.00 PM	W	WHAM	328	SLOAN FRED A JR
564	INTERN-EL SCI ED			04.0 TO 12.0 CR	
	PREREQ 442, 541 OR CONSENT OF INSTR				
1	TO BE ARRANGED				HUNGERFORD HAROLD R
575A	IND RES CURRICULUM			02.0 TO 04.0 CR	
1	TO BE ARRANGED				LINDBERG DORMALEE H
2	TO BE ARRANGED				SLOAN FRED A JR

575B	IND RES SUPERVISION	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BRADFIELD LUTHER E
575C	IND RES LANG ARTS	02.0 TO 04.0 CR	
1	TO BE ARRANGED		SHEPHERD TERRY R
2	TO BE ARRANGED		QUISENBERRY NANCY L
575D	IND RES SCIENCE	02.0 TO 04.0 CR	
1	TO BE ARRANGED		HUNGERFORD HAROLD R
2	TO BE ARRANGED		TOMERA AUDREY
575E	IND RES READING	02.0 TO 04.0 CR	
1	TO BE ARRANGED		HILL MARGARET KEYSER
2	TO BE ARRANGED		FISHCO DANIEL T
3	TO BE ARRANGED		BROD ERNEST
575F	IND RES SOC STUD	02.0 TO 04.0 CR	
1	TO BE ARRANGED		SWICK KEVIN J
2	TO BE ARRANGED		LAMB MORRIS
575G	IND RES ELEM ED	02.0 TO 04.0 CR	
1	TO BE ARRANGED		SLOAN FRED A JR
575H	IND RES ARITHMETIC	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BEATTIE IAN D
2	TO BE ARRANGED		PAIGE DONALD
575J	IND RES PROB IN K-P	02.0 TO 04.0 CR	
1	TO BE ARRANGED		MATTHIAS MARGARET
2	TO BE ARRANGED		QUISENBERRY NANCY L
575K	IND RES ELEM ADMIN	02.0 TO 04.0 CR	
1	TO BE ARRANGED		LAMB MORRIS L
2	TO BE ARRANGED		BRADFIELD LUTHER E
596	INDEPENDENT INVEST	05.0 TO 09.0 CR	
1	TO BE ARRANGED		
599	THESIS	03.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
1	TO BE ARRANGED		LEE J MURRAY
2	TO BE ARRANGED		HILL MARGARET KEYSER
3	TO BE ARRANGED		SLOAN FRED A JR
4	TO BE ARRANGED		BEATTIE IAN D
5	TO BE ARRANGED		BRADFIELD LUTHER E
6	TO BE ARRANGED		HUNGERFORD HAROLD R
7	TO BE ARRANGED		LAMB MORRIS
8	TO BE ARRANGED		FISHCO DANIEL T
9	TO BE ARRANGED		PAIGE DONALD
10	TO BE ARRANGED		SWICK KEVIN
11	TO BE ARRANGED		QUISENBERRY NANCY
12	TO BE ARRANGED		LINDBERG DORMALEE

## Engineering (ENGR)

222	DIGITAL COMP PROG	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 111B	
1	09.00	T TH TECH A 111
	12.00	M W TECH A 420
2	09.00	T TH TECH A 111
	12.00	T TH TECH A 420
3	09.00	T TH TECH A 111
	04.00	M W TECH D 131
4	09.00	T TH TECH A 111
	04.00	T TH TECH D 131
5	09.00	T TH TECH A 111
	05.00	M W TECH A 422
6	09.00	T TH TECH A 111
	03.00	M W TECH D 131
7	09.00	T TH TECH A 111
	02.00	M W TECH A 422
8	09.00	T TH TECH A 111
	10.00	T TH TECH A 310
260B	ANALY MECHANICS	03.0 CR
	PREREQ ENGR 260A	
1	02.00	M W F TECH D 131

260C	ANALY MECHANICS	03.0 CR	
	PREREQ ENGR 260B		
1	09.00 M W F TECH A 310	EDDINGFIELD DAVID L	
300B	THERMODYNAMICS	03.0 CR	
	PREREQ ENGR 300A		
1	10.00 M W F TECH A 208	PETRIE T P	
300C	THERMODYNAMICS	03.0 CR	
	PREREQ ENGR 300A		
1	08.00 M W F TECH A 408		
2	01.00 M W F TECH A 210		
302	HEAT TRANSFER	03.0 CR	
	PREREQ 222, 300A & MATH 305A		
1	01.00 T TH TECH A 322	KENT A C	
	01.00-02.50 W TECH A 322		
2	01.00 T TH TECH A 322		
	01.00-02.50 F TECH A 322		
311A	PROPERTIES OF MAT	03.0 CR	
	PREREQ ENGR 260B, MATH 252B		
1	01.00 M WTH TECH D 14		
	02.00-03.50 TH TECH D 14		
311B	PROPERTIES OF MAT	03.0 CR	
	PREREQ ENGR 260B, MATH 252B		
1	10.00 T TH TECH A 322	JORDAN KENNETH B	
	02.00-04.50 T TECH B 143		
2	10.00 T TH TECH A 322	JORDAN KENNETH B	
	02.00-04.50 TH TECH B 143		
311C	PROPERTIES OF MAT	03.0 CR	
	PREREQ ENGR 311B		
1	08.00 M W F TECH A 122		
2	10.00 M W F TECH D 131		
313B	FLUID MECHANICS	03.0 CR	
	PREREQ ENGR 313A		
1	03.00 M W F TECH D 14A		
	04.00 W TECH D 14A		
336	INTRO TO ELECTRONIC	04.0 CR	
	PREREQ ENGR 335		
1	08.00 M W F TECH A 322		
	02.00-04.50 T TECH D 106		
2	08.00 M W F TECH A 322		
	02.00-04.50 W TECH D 106		
338	ELECTROMAG FIELDS	03.0 CR	
	PREREQ MATH 305A		
1	09.00 M W F TECH A 120		
2	11.00 M W F TECH A 408		
403	STATIST THERMODYNAM	04.0 CR	
	PREREQ ENGR 300C		
1	TO BE ARRANGED	PEARSON SONNY	
	CLASS WILL MEET IN TECH B 42		
411	DES OF ENGR EXPERMT	03.0 CR	
	PREREQ ENGR 222 MATH 252A		
1	02.00-03.50 T TH TECH A 310	MUCHMORE CHARLES B	
412	ENGR PRACTICE	03.0 CR	
	PREREQ SENIOR STANDING		
1	TO BE ARRANGED		
414	MECHANICS OF SOILS	03.0 CR	
	PREREQ ENGR 311A, 313A		
1	02.00 M W TECH D 12A	SAMI SEDAT	
	02.00-04.50 T TECH D 12A		
415C	WATER QUALITY CONTR	03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ CHEM 121B & MATH 150 OR EQUIV		
1	01.00 M W F TECH B 42	PRENSNER DOUGLAS S	
421	INTRO SYSTEMS THEOR	03.0 CR	
	PREREQ MATH 305B		
1	08.00 M W F TECH A 120		
430	SPEC PROB IN ENGR	01.0 TO 08.0 CR	
	PREREQ SR STANDING IN ENGR & CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		
	ELECT SCI AND SYSTEMS ENGR		



2	TO BE ARRANGED					
	ENGR MECHANICS AND MATERIALS					
3	TO BE ARRANGED					
	THERMAL AND ENVIRONMENTAL ENGR					
438	ELECTRONIC DEVICES	03.0 CR				
	PREREQ ENGR 311C AND 336					
1	09.00	M W F	TECH A	308		
441B	INT MECH OF VIBRAT	03.0 CR				
	PREREQ ENGR 441A					
1	03.00	M W F	TECH A	12C	ORTHWEIN WILLIAM C	
443B	ENGINEERING DESIGN	03.0 CR				
	PREREQ 443A					
1	11.00	T TH	TECH A	422		
	08.00-09.50	TH	TECH A	307		
2	11.00	T TH	TECH A	422		
	08.00-09.50	T	TECH A	307		
444	DES-REINFOR CONCRET	04.0 CR				
	PREREQ ENGR 311A					
1	TO BE ARRANGED				NOWACKI C RAYMOND	
446B	ENERGY CONVERSION	03.0 CR				
	PREREQ 446A					
1	11.00	M W F	TECH A	120	FEISTE VERNOLD K	
455	ENGINEERING GEOLOGY	03.0 CR				
	PREREQ GECL 220 OR CONSENT OF INSTR					
1	10.00	T TH	PARK	115	DAVIS RICHARD W	
	CROSSLISTED WITH GEOL 455					
463A	INTRO INSTRUMENT	03.0 CR				
	PREREQ ENGR 336					
1	10.00	T TH	TECH D	131		
	02.00-04.50	M	TECH D	106		
464	INTERMED MAT SCI	03.0 CR				
	PREREQ ENGR 311B					
1	11.00	M W F	TECH A	422		
480C	ENGR PROCESS DESIGN	03.0 CR				
	PREREQ 480B					
1	TO BE ARRANGED				CHEN JUH WAH	
502	CONDUCT HEAT TRANSF	03.0 CR				
	PREREQ ENGR 302 OR CONSENT OF INSTR					
1	TO BE ARRANGED				PEARSON SONNY W	
508	IND WASTE TREATMNT	03.0 CR				
	PREREQ ENGR 415B					
1	TO BE ARRANGED				COOK E E	
510C	ELECTROMAG FIELDS	03.0 CR				
	PREREQ CONSENT OF INSTR					
1	TO BE ARRANGED					
513	MECH VISCOUS FLUIDS	03.0 CR				
	PREREQ ENGR 413A,B,OR CONSENT OF INST					
1	TO BE ARRANGED					
515	WAVE MOTION-FLUIDS	03.0 CR				
	PREREQ ENGR 413A AND B OR CONSENT OF INSTR					
1	TO BE ARRANGED					
525	SMALL PART PHENOMEN	03.0 CR				
	PREREQ GRAD STANDING					
1	TO BE ARRANGED				HESKETH HOWARD E	
540	ELASTIC STABILITY	03.0 CR				
	PREREQ MATH 305 OR 407 OR CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED				ORTHWEIN WILLIAM C	
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR				
	PREREQ GRAD STANDING IN ENGR					
1	TO BE ARRANGED					
	ELEC SCI & SYSTEMS ENGR					
2	TO BE ARRANGED					
	ENGR MECHANICS & MATERIALS					
3	TO BE ARRANGED					
	THERMAL & ENVIRONMENTAL ENGR					
580	SEMINAR	01.0 TO 09.0 CR				
1	TO BE ARRANGED				SMITH JAMES G	
	ELECT SCI AND SYSTEMS ENGR					

2	04.00	TH	TECH D	12A EVERS JAMES L
	ENGR MECHANICS AND MATERIALS			
3	04.00	TH	TECH B	42
	THERMAL AND ENVIRONMENTAL ENGR			
599	THESIS	01.0 TO 09.0	CR	
1	TO BE ARRANGED			
	ELECT SCI AND SYSTEMS ENGR			
2	TO BE ARRANGED			
	ENGR MECHANICS AND MATERIALS			
3	TO BE ARRANGED			
	THERMAL AND ENVIRONMENTAL ENGR			

### Engineering Technology (ET)

102A	GRAPHIC COMMUNICAT		03.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00-09.20	W F	TECH A	219
	10.00	T TH	TECH A	111
2	10.00-11.20	W F	TECH A	219
	10.00	T TH	TECH A	111
3	03.00-04.20	W F	TECH A	219
	10.00	T TH	TECH A	111
102B	GRAPHIC COMMUNICAT		03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	E T 102A		
1	08.00-09.20	M TH	TECH A	207
	08.00	W F	TECH A	111
2	08.00-09.20	M TH	TECH A	219
	08.00	W F	TECH A	111
102C	GRAPHIC COMMUNICAT		03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	E T 102B		
1	10.00-11.20	M TH	TECH A	207
	10.00	W F	TECH A	111
2	10.00-11.20	M TH	TECH A	219
	10.00	W F	TECH A	111
236	ELECT INSTRUMENTAT		03.0 CR	
	PREREQ	MATH 111		
1	11.00	M W F	TECH A	320
	01.00-02.50	TH	TECH D	104
2	11.00	M W F	TECH A	320
	03.00-04.50	TH	TECH D	104
245C	ELECT SYS FOR INDUS		03.0 CR	
	PREREQ	MATH 111B		
1	08.00	M W F	TECH A	310
	08.00-09.50	T	TECH D	104
2	08.00	M W F	TECH A	310
	10.00-11.50	T	TECH D	104
260B	STATICS & DYNAMICS		04.0 CR	
	PREREQ	E T 260A		
1	08.00	MTW F	TECH A	208
301B	REF AIR COND		03.0 CR	
	PREREQ	E T 301A		
1	12.00	M W F	TECH A	221
304C	ELECTRICAL CIRCUITS		03.0 CR	
	PREREQ	E T 304B AND MATH 225A		
1	10.00	M W	TECH A	410
	02.00-04.50	M	TECH D	104
2	10.00	M W	TECH A	410
	02.00-04.50	W	TECH D	104
310C	CONST MECHANICS		03.0 CR	
	PREREQ	E T 310B		
1	12.00	M W F	TECH A	319
313A	EL HEAT POWER		04.0 CR	
	PREREQ	MATH 150A		
1	02.00	M WTHF	TECH A	408
318C	HYDRAULICS&PNEUMAT		03.0 CR	
	PREREQ	ET 318B		
1	09.00	M W F	TECH A	410
320B	MECHANICAL LAB		03.0 CR	
	PREREQ	E T 320A		
1	10.00-12.50	T TH	TECH D	122

322A	POWER PLANTS			03.0 CR
	PREREQ	ET 313A		
1	01.00	M W F	TECH A	120
332C	ELEC-MECH PRIN&DEV			03.0 CR
	PREREQ	ET 332B		
1	11.00	M W F	TECH A	122
	11.00-12.50	TH	TECH D	122
363A	SURVEYING			04.0 CR
	PREREQ	MATH 111B, E T 102B		
1	12.00	T TH	TECH A	111
	02.00-04.50	T TH	TECH A	319
	ABOVE SECTION NOT OPEN TO ET MAJORS			
2	12.00	T TH	TECH A	111
	12.00-02.50	W F	TECH A	319
	ABOVE SECTION NOT OPEN TO ET MAJORS			
3	12.00	T TH	TECH A	111
	08.00-10.50	M W	TECH A	319
	ABOVE SECTION NOT OPEN TO ET MAJORS			
4	12.00	T TH	TECH A	111
	08.00-10.50	T TH	TECH A	319
	ABOVE SECTION NOT OPEN TO ET MAJORS			
363C	SURVEYING			04.0 CR
	PREREQ	E T 363A		
1	09.00	M W	TECH A	319
	08.00-10.50	T TH	TECH A	319
364B	HIGHWAY ENGINEERING			04.0 CR
	PREREQ	E T 314A AND 363A, GSB 361		
1	01.00	M W F	TECH A	319
403C	ELECTRONICS TECH			04.0 CR
	PREREQ	E T 403B		
1	08.00	M W F	TECH D	131
	06.00-08.50 PM	M	TECH D	106
416	STRUCT STEEL DESIGN			03.0 CR
	PREREQ	ET 311B, ET 315		
1	06.00	PM T TH	TECH A	210
	06.00-08.50 PM	M	TECH A	207
424C	POWER SYSTEMS TECH			03.0 CR
	PREREQ	ET 424B		
1	04.00	M W F	TECH A	422
430	SP PROB-INDUS&TECH			01.0 TO 08.0 CR
	PREREQ	CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED			
437C	COMM SYSTEMS TECH			03.0 CR
	PREREQ	E T 437B		
1	09.00	M W F	TECH A	420
	10.00-11.50	T	TECH D	106
438B	DES OF CONT&DIG SYS			04.0 CR
	PREREQ	E T 438A		
1	10.00	M WTHF	TECH A	320
	08.00-09.50	TH	TECH D	122

## English (ENG)

105A	ENG COMP-FOREIGN ST			03.0 CR
	PREREQ	EQUIVALENT TO GSD 101-LIMITED TO FOREIGN STUDENTS		
1	12.00	M WTHF	0720	106
105B	ENG COMP-FOREIGN			03.0 CR
	PREREQ	EQUIVALENT TO GSD 102-LIMITED TO FOREIGN STUDENTS		
1	12.00	M W F	0720	118
	04.00	TH	0720	118
2	04.00	M WTHF	0721	101
209	INTRO- THREE GENRES			04.0 CR
	PREREQ	GSC 103		
1	12.00	MT THF	WHAM	321
2	02.00	MT THF	0720	116
				WHITEHEAD FREDERICK BOYLE TED



290	EXPOSITORY WRITING			03.0	CR	
	PREREQ	GSD 102				
1	08.00	M W F	WHAM	301A	HILLIARD LEWIS	
2	10.00	M WTH	H EC	120	MITCHELL BETTY	
3	11.00	M W F	H EC	120	RICHMAN LOIS	
4	01.00	M	WHAM	301B	MCNICHOLS EDWARD	
	01.00	T TH	WHAM	301A	MCNICHOLS EDWARD	
5	02.00	MT TH	CL	25		
300	INTR TO LANG ANAL			04.0	CR	
1	08.00-09.50	T TH	0720	116	FRIEND JEWELL A	
2	01.00-02.50	M W	0720	109	FRIEND JOSEPH	
302A	ENG LIT TO 1550			04.0	CR -(ELECTIVE PASS/FAIL)	
1	11.00	MT THF	0721	101	DONOW HERBERT	
2	01.00	MT THF	0720	114	KVERNES DAVID	
302B	ENG LIT 1550-1750			04.0	CR -(ELECTIVE PASS/FAIL)	
1	09.00	MT THF	0720	109	SCHONHORN MANUEL	
2	12.00	M WTHF	0720	103	BENZIGER JAMES	
302C	ENG LIT-AFTER 1750			04.0	CR -(ELECTIVE PASS/FAIL)	
1	08.00	MT THF	0720	104	PARTLOW ROBERT	
2	02.00	MT THF	0720	103	HARRELL ROBERT	
309A	AMER LIT-TO 1860			04.0	CR -(ELECTIVE PASS/FAIL)	
1	09.00	MT THF	0720	108	LAWSON RICHARD	
2	10.00	MTWTH	0720	108	WEBB HOWARD	
3	02.00	MT THF	0720	104	PETERSON RICHARD	
309B	AMER LIT 1860-1920			04.0	CR -(ELECTIVE PASS/FAIL)	
1	01.00	MTWTH	0720	118	PIPER HENRY DAN	
309C	AM LIT 1920-PRESENT			04.0	CR -(ELECTIVE PASS/FAIL)	
1	11.00	MT THF	0720	116	MOSS SIDNEY PHIL	
2	03.00	MT THF	0720	118	HOWELL JOHN	
390	ADVANCE COMPOSITION			03.0	CR	
	PREREQ	C IN GSD 101,102 & GSC 103-				
		ENG MAJ OR DEPT CONS				
1	09.00	M W F	0720	104	RICHMAN LOIS	
2	12.00	M W F	0720	114	WESHINSKEY ROY	
3	02.00	M W F	0720	107	MARTIN JOAN	
393	STUDIES IN LIT		03.0 TO 09.0	CR		
1	09.00	M W F	0720	106	LITTLE JUDY	
	WOMEN IN LITERATURE					
2	11.00	MT TH	0720	114	SIMEONE WILLIAM	
	ABOVE SECTION TOPIC - THE BALLAD					
3	02.00	M	0720	105	METES GEORGE	
	02.00	T TH	LAWSON	201		
	VIKING ERA					
403	HIST - ENG LANGUAGE			04.0	CR -(ELECTIVE PASS/FAIL)	
1	08.00	MT THF	0720	107	RAINBOW RAYMOND S JR	
404C	MID ENG LIT-CHAUCER			04.0	CR -(ELECTIVE PASS/FAIL)	
1	09.00	MT THF	0720	107	RAINBOW RAYMOND	
412A	16C ENG LIT-NON DR			04.0	CR -(ELECTIVE PASS/FAIL)	
	PREREQ MAY BE TAKEN SINGLY					
1	12.00	MT THF	0720	109	SCHULTZ HOWARD	
412E	AGE OF JOHNSON			04.0	CR -(ELECTIVE PASS/FAIL)	
	PREREQ MAY BE TAKEN SINGLY					
1	03.00	MT THF	0721	101	KVERNES DAVID	
421D	ENG POET-MODERN			04.0	CR -(ELECTIVE PASS/FAIL)	
1	07.35-09.15 PM	M W	CL	328	EPSTEIN EDMUND	
443	VICTORIAN PROSE			04.0	CR -(ELECTIVE PASS/FAIL)	
1	10.00	MT THF	0720	116	PARTLOW ROBERT	
454A	ENG FICT-18C NOVEL			04.0	CR -(ELECTIVE PASS/FAIL)	
1	08.00	MT THF	0720	118	SCHONHORN MANUEL	
458B	AMER FICT - CONTEMP			04.0	CR -(ELECTIVE PASS/FAIL)	
1	08.00	MT THF	0721	102	LAWSON RICHARD	
2	01.00	MT THF	0721	102	HOWELL JOHN	
460C	BRIT DRAMA-RES-18C			04.0	CR -(ELECTIVE PASS/FAIL)	
1	11.00	M WTHF	0720	117	VIETH DAVID	
460D	BRIT DRAMA-MOD BRIT			04.0	CR -(ELECTIVE PASS/FAIL)	
1	01.00	MT THF	0720	116	BOYLE TED	
464	MODERN CONT DRAMA			04.0	CR -(ELECTIVE PASS/FAIL)	
1	12.00	MT THF	0721	102	RAZIS BYRON	

471A	SHAKESPEARE		04.0 CR		
1	09.00	MT THF	0720	117	GRIFFIN ROBERT
471B	SHAKESPEARE		04.0 CR		
1	12.00	MT THF	0721	101	DONOW HERBERT
2	02.00	MT THF	0720	118	BROWN JACK
485	PROB TEACH ENG /P/		04.0 CR		
1	10.00-11.50	M W	0720	109	FRIEND JEWELL A
2	03.00-04.50	M W	0721	102	EVANS WILLIAM H
491	EXPO TECH WRITING		04.0 CR		
	PREREQ GSD 102				
1	TO BE ARRANGED				MORRILL PAUL
493	SP PROB IN ENG		04.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR				
1	09.00	MT THF	0721	102	LEONARD JOE
	TOPIC--MARK TWAIN				
2	12.00	MT TH	0720	105	
	12.00	F	GYM	204	
	TOPIC--MYTHS IN LIT				
3	03.00	MT THF	0720	117	TAYLOR LARRY
	TOPIC--SOUTHERN FEMALE WRITERS				
495A	LIT CRITICISM-HIST		04.0 CR		-(ELECTIVE PASS/FAIL)
1	11.00	MT THF	0720	118	GOODIN GEORGE
495B	LIT CRITICISM-MOD		04.0 CR		-(ELECTIVE PASS/FAIL)
1	02.00	M WTHF	0721	102	BENZIGER JAMES
497A	HONORS ENGLISH		04.0 CR		
	PREREQ DEPARTMENTAL APPROVAL REQUIRED				
1	TO BE ARRANGED				WESHINSKEY ROY
	ABOVE SECTION TOPIC - AMERICAN DRAMA				
2	10.00-11.50	M W	PULL	39	SHRIBER MICHAEL
497B	HONORS ENGLISH		04.0 CR		
	PREREQ DEPARTMENTAL APPROVAL REQUIRED				
1	TO BE ARRANGED				WESHINSKEY ROY
	ABOVE SECTION TOPIC - AMERICAN DRAMA				
2	10.00-11.50	M W	PULL	39	SHRIBER MICHAEL
497C	HONORS ENGLISH		04.0 CR		
1	TO BE ARRANGED				MORRILL PAUL
499	READINGS IN ENGLISH		02.0 TO 08.0 CR		
	PREREQ CONSENT OF DEPT - NO MORE THAN 4 HRS CR PER QUARTER				
1	TO BE ARRANGED				MORRILL PAUL
508	STUDIES IN CHAUCER		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	05.45-07.25	T TH	CL	328	GARDNER JOHN
514C	LATER 18TH C LIT		04.0 TO 08.0 CR		
	PREREQ CONSENT OF DEPT				
1	08.00-09.50	M W	WHAM	301B	VIETH DAVID
	TOPIC--ALEXANDER POPE DEPT APPROVAL REQ				
519	STUD CONT BRIT LIT		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	03.00-04.50	M W	PULL	39	EPSTEIN EDMUND
	ABOVE SECTION TOPIC - T S ELIOTS FOUR QUARTETS				
521	STUDIES VIC POETRY		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	03.00-04.50	T	0721	102	HILLEGAS MARK
	TOPIC--BROWNING DEPT APPROVAL REQ				
532	STUDIES AMER TRANS		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	01.00-02.50	T TH	H EC	3	MOSS SIDNEY
536	STUD LAT 19C AM WR		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	01.00-02.50	M W	PULL	39	WEBB HOWARD
	TOPIC--HOWELL AND OTHERS DEPT APPROVAL REQ				
538	PROB IN AM LIT		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	10.00-11.50	M W	AG	222	PIPER HENRY DAN
	TOPIC - FICTION OF SCOTT FITZGERALD & N WEST				



560	STUD REN DRAMA	04.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	11.00-12.50 T TH	WOODY 2302	GRIFFIN ROBERT		
	JONSON, MARSTON, CHAPMAN, WEBSTER, MIDDLETON				
	TOURNEUR, FORD				
580	TRADITIONAL THEMES	04.0 CR			
1	10.00-11.50 T TH	0721 102	RAIZIS BRYON		
581B	PROB TEACHING ENG	04.0 CR			
	PREREQ CONSENT OF DEPT				
1	06.00-09.30 PM M	H EC 106	BOTTS RODERIC		
581C	PROB TEACHING ENG	04.0 CR			
	PREREQ CONSENT OF DEPT				
1	03.00-06.30 W	PULL 41	BOTTS RODERIC C		
585	TEACHING COL COMP	02.0 CR			
1	TO BE ARRANGED		MORRILL PAUL		
593	SP PROB IN ENG	04.0 CR			
	PREREQ CONSENT OF INSTR				
1	08.00-09.50 T TH	WHAM 301B	GOODIN GEORGE		
	POLITICAL NOVELS				
598A	IND REV ENG AM LIT	01.0 TO 03.0 CR			
1	TO BE ARRANGED		SCHULTZ HOWARD		
598B	IND REV ENG AM LIT	01.0 TO 03.0 CR			
1	TO BE ARRANGED		SCHULTZ HOWARD		
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED		SCHULTZ HOWARD		

### Family Economics and Management (FE & M)

300	HOME EC FOR MEN	03.0 CR			
1	11.00 M W	H EC 140B	HEISLER ARLENE		
	11.00 F	H EC 118	HEISLER ARLENE		
2	11.00 M W	H EC 140B	HEISLER ARLENE		
	11.00 TH	H EC 118	HEISLER ARLENE		
3	11.00 M W	H EC 140B	HEISLER ARLENE		
	12.00 F	H EC 118	HEISLER ARLENE		
4	11.00 M W	H EC 140B	HEISLER ARLENE		
	12.00 TH	H EC 118	HEISLER ARLENE		
5	02.00 T TH	H EC 140B			
	02.00 M	H EC 118			
6	02.00 T TH	H EC 140B			
	12.00 F	H EC 102			
7	02.00 T TH	H EC 140B			
	03.00 TH	H EC 118			
301	H ARTS & SOC USAGE	03.0 CR			
1	09.00 M W F	H EC 201	HEISLER ARLENE		
2	03.00 MT TH	H EC 201			
302	BASIC FAMILY LIVING	04.0 CR			
1	10.00 M WTHF	H EC 203	CRAIG KAREN E		
323	HOUSING	03.0 CR			
1	11.00 MT TH	H EC 206	DAY		
324	EQUIPMENT	03.0 CR			
1	10.00 M W	H EC 5	BARCLAY NANCY		
	10.00-11.50 TH	H EC 5			
2	10.00 M W	H EC 5	BARCLAY NANCY		
	09.00-10.50 F	H EC 5			
332	HOME MGT PRACTICUM	04.0 CR			
	PREREQ C&F 227, FE&M 331				
1	09.00-10.50 T TH	H EC 400	EDMONDSON MARY E		
2	09.00-10.50 W F	H EC 400			
3	12.00-01.50 M W	H EC 400			
340	CONSUMERS & MARKET	03.0 CR			
1	08.00 M W F	H EC 140B	DAY		
341	CONSUMER PROBLEMS	04.0 CR			
1	01.00 MTW	H EC 140B	EDMONDSON MARY E		
	01.00 TH	H EC 201	EDMONDSON MARY E		
2	01.00 MTW	H EC 140B	EDMONDSON MARY E		
	12.00 F	H EC 201	EDMONDSON MARY E		
3	01.00 MTW	H EC 140B	EDMONDSON MARY E		
	12.00 TH	H EC 201	EDMONDSON MARY E		



407	WORKSHOP			02.0 CR	
1	03.00-04.50	T	H EC	5	BROOKS THOMAS
2	04.00-05.50	TH	H EC	5	BROOKS THOMAS
471	FIELD EXPERIENCE			02.0 TO 06.0 CR	
	PREREQ	CONSENT OF CHAIRMAN			
1	TO BE ARRANGED				
481	READINGS			02.0 TO 04.0 CR	
	PREREQ	CONSENT OF INSTR & CHAIRMAN			
1	09.00	M	H EC	120	
	ADDITIONA HOURS TO BE ARRANGED				
540	CONSUMER PROBLEMS			04.0 CR	
	PREREQ	341 OR EQUIV			
1	06.00-09.00 PM	M	H EC	402	CRAIG KAREN
572	SPECIAL PROBLEMS			02.0 TO 08.0 CR	
1	TO BE ARRANGED				
599	THESIS			02.0 TO 09.0 CR	
1	TO BE ARRANGED				

### Finance (FIN)

271	BUSINESS LAW I			04.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00	TWTHF	CL	24	
301	READINGS IN FINANCE			01.0 TO 08.0 CR	-(MANDATORY PASS/FAIL)
1	TO BE ARRANGED				WINN EDWARD L
305	PERSONAL FINANCE			04.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00	MTWTH	LAWSON	101	
320	INTRO TO BUS FIN			04.0 CR	
	PREREQ	ACCT 251B, ECON 215, GSD 110			
1	11.00	MTWTHF	0861	102	
2	01.00	MTWTHF	AG	168	
3	03.00	MTWTHF	AG	168	
323	INVESTMENTS			04.0 CR	-(ELECTIVE PASS/FAIL)
1	01.00	MTWTH	CL	24	
324	SECURITY ANALYSIS			04.0 CR	
	PREREQ	323			
1	12.00	MTWTH	CL	109	
326	MGT OF FINANCE INST			04.0 CR	
	PREREQ	FIN 320, ECON 315			
1	10.00	MTWTH	AG	152	
327	INSUR AND RISK MGT			04.0 CR	-(ELECTIVE PASS/FAIL)
1	09.00	MTWTH	CL	24	CORBETT RICHARD B
370	LEGAL & SOC ENVIRON			04.0 CR	
1	09.00	TWTHF	AG	168	
2	10.00	TWTHF	AG	224	
3	11.00	TWTHF	AG	224	
372	BUSINESS LAW II			04.0 CR	-(ELECTIVE PASS/FAIL)
1	12.00	T TH	LAWSON	101	
	12.00	W F	WHAM	308	
421	MGT OF BUS FINANCE			04.0 CR	
	PREREQ	320			
1	02.00	MTWTH	CL	24	
430	BUSINESS FINANCE			04.0 CR	
	PREREQ	RESTRICTED TO GRADUATE STUDENT			
		S			
1	TO BE ARRANGED				
	MEETS WITH FIN 320 SECTIONS				

### Food & Nutrition (F & N)

100	FUNDAMENT NUTRI			03.0 CR	
1	03.00	M W F	H EC	140B	HARPER JENNIE M
321	F&N DEMONSTRATION			03.0 CR	
	PREREQ	F&N 256			
1	10.00-12.50	T TH	H EC	101	HARPER JENNIE M
335	MEAL MANAGEMENT			04.0 CR	
	PREREQ	F&N 256			
1	04.00	M W	H EC	107	BECKER HENRIETTA E
	03.00-04.50	T TH	H EC	107	BECKER HENRIETTA E

360B	QUANT FOOD PROD		04.0 CR	
	PREREQ F&N 256			
1	10.00-12.50	M W	H EC 107	WOLFE POHLE
363	FOOD PUR FOR INSTIT		03.0 CR	
	PREREQ F&N 256			
1	09.00	T THF	H EC 212	WOLFE POHLE HARDING
371	FIELD EXPERIENCE		06.0 CR	
	PREREQ CONSENT OF CHAIRMAN & INSTR			
1	TO BE ARRANGED			
390	DIET THERAPY		03.0 CR	
	PREREQ F&N 320			
1	08.00	M W F	H EC 118	KONISHI FRANK
421	REC TRENDS IN FOOD		03.0 CR	
	PREREQ F&N 320 OR EQUIVALENT			
1	03.00	M W F	H EC 118	WOLFE POHLE HARDING
481	READINGS		02.0 TO 04.0 CR	
	PREREQ F&N 320 & CONSENT OF CHAIRMAN AND INSTRUCTOR			
1	TO BE ARRANGED			KONISHI FRANK
515	SEMINAR		01.0 CR	
	PREREQ F&N 420 OR 421			
1	01.00	TH	H EC 107	KONISHI FRANK
572	SPECIAL PROBLEMS		02.0 TO 05.0 CR	
1	TO BE ARRANGED			KONISHI FRANK
599	THESIS		01.0 TO 09.0 CR	
	PREREQ CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED			

#### Foreign Languages (FL)

320	PSYCHOANALYSIS & LIT		03.0 CR	
1	02.00	M	PULL 118	REWAR WALTER
	02.00	T TH	H EC 306	
410C	UNCOM LANG- ARABIC		03.0 CR	
	PREREQ F L 410B OR EQUIV			
1	12.00	TW F	0720 101	
	12.00	M	WHLR 18	
410Z	UNCOM LANG-INTE JAP		05.0 CR	
	PREREQ F L 410Y OR EQUIV			
1	08.00	M	0720 101	
	08.00-09.50	T TH	0720 101	
420	MOD VIET THEA-DRAMA		04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ LING 420 OR CONSENT OF INSTR			
1	TO BE ARRANGED			NGUYEN KHAC HOACH
453	METH TEACH MOD F L		04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT AND/OR PRIOR ENR IN FR, GER, RUSS OR SPAN			
1	12.00	MT THF	WHLR 113	ANDERSON KEITH
497C	SURVEY -VIETNAM LIT		03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ EQUIV OF 2 YRS OF VIETNAMESE			
1	11.00	M WTH	PIERCE 130	NGUYEN KHAC HOACH
543A	RESEARCH PROB-GER		01.0 TO 06.0 CR	
1	TO BE ARRANGED			
543B	RESEARCH PROB-FR		01.0 TO 06.0 CR	
1	TO BE ARRANGED			VOGELY MAXINE
543C	RESEARCH PROB-SPAN		01.0 TO 06.0 CR	
1	TO BE ARRANGED			
543D	RESEARCH PROB-RUSS		01.0 TO 06.0 CR	
1	TO BE ARRANGED			
560B	RESEARCH TECH- FR		03.0 CR	
1	01.00	M WTH	LIB 219	WOODBIDGE HENSLEY
560C	RESEARCH TECH- SPAN		04.0 CR	
1	10.00	MTW F	LIB 219	WOODBIDGE HENSLEY

#### Portuguese (PORT)

135B	PORT CONVERSATION		01.0 CR	
	PREREQ CONCURRENT GSC 135B			
1	TO BE ARRANGED			EKKER CHARLES

135C PORT CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 135C  
 1 09.00 T H EC 3 HARTMAN S L  
 201C INTERMEDIATE PORT 03.0 CR  
 PREREQ PORT 201B  
 1 03.00 MT F PULL 310 MCBRIDE M O  
 TO BE ARRANGED

## Classical Studies (CLST)

376 INDEPENDENT STUDY 02.0 TO 11.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF INSTR AND CLASSICS  
 SECTION HEAD  
 1 TO BE ARRANGED

## Chinese (CHIN)

120C CHIN CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 120C  
 1 10.00 T H EC 104 TAI JAMES H-Y  
 2 01.00 T H EC 104 PUNG GRACE  
 201C INTER CHINESE 05.0 CR  
 PREREQ CHIN 201B  
 1 11.00 MTWTHF PARK 301 TAI JAMES H-Y  
 315 READINGS IN CHINESE 02.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CHIN 201C  
 1 TO BE ARRANGED TAI JAMES H-Y

## French (FR)

123A FRENCH CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 123A  
 1 11.00 T WHLR 212  
 2 02.00 T PARK 301  
 3 04.00 W WHLR 107  
 123B FRENCH CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 123B  
 1 09.00 TH H EC 202  
 2 11.00 W WHLR 214  
 3 12.00 W H EC 102  
 4 01.00 T WHLR 207  
 123C FRENCH CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 123C  
 1 08.00 TH WHLR 203  
 2 10.00 M ABBOTT 129  
 3 11.00 T WHAM 312  
 4 12.00 TH WHLR 107  
 135C INTENSIVE ELEMEN FR 05.0 CR  
 PREREQ FR 135B  
 1 10.00 MTWTHF WHLR 212  
 201A INTERMEDIATE FRENCH 03.0 CR  
 PREREQ GSC 123-9 OR GSC 123C OR 2 YRS  
 HIGH SCHOOL FR  
 1 04.00 MT TH WHLR 107  
 201B INTERMEDIATE FRENCH 03.0 CR  
 PREREQ FR 201A OR EQUIVALENT  
 1 08.00 M WTH WHLR 207  
 2 12.00 M W F WHLR 107  
 201C INTERMEDIATE FRENCH 03.0 CR  
 PREREQ FR 201B OR EQUIVALENT  
 1 09.00 M WTH PULL 310  
 2 11.00 T THF WHLR 107  
 3 12.00 M W F H EC 104  
 4 01.00 MT PULL 318  
 01.00 TH WHLR 207  
 220C INTER FR CONVERSAT 02.0 CR  
 PREREQ FR 201C OR CONCURRENT  
 REGISTRATION IN 201  
 1 09.00 W F H EC 3  
 2 10.00 W F WARREN 129  
 288A FR - RESEARCH TOOL 03.0 CR  
 1 03.00 MT TH WHLR 207



288C	FR - RESEARCH TOOL		03.0 CR	
1	03.00	MT TH	WHLR	107
350B	ADVANCED COMP-CONV		03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	201C OR EQUIV		
1	10.00	M	WHAM	307 SOUTHWORTH MARIE J
	10.00	T TH	PULL	41
354	INTRO LIT ANALYSIS		04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	FR 350		
1	09.00	MT THF	H EC	104 OMEARA MAURICE A
363	FRENCH FOR MUS MAJ		01.0 CR	-(ELECTIVE PASS/FAIL)
1	10.00	T TH	ALTG	106
397C	SURVEY FR LIT		03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	FR 350 OR CONSENT OF INSTR		
1	01.00	M W F	GYM	203
402A	CONTEM FR NOV & THE		03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	354 AND ONE QUARTER OF 397		
1	10.00	M W F	GYM	203
403A	18TH CENT FR LIT		03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	FR 354, 397		
1	03.00-04.30	T TH	WHLR	113 GOBERT DAVID
419	FRENCH POETRY		03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	354 AND ONE QUARTER OF 397		
1	08.00	M W	WHLR	113
	08.00	F	WHLR	107
501	SEM SELC FR AUTHOR		02.0 TO 06.0 CR	
1	07.00-09.00 PM	T	PULL	41
523	MEDIEVAL FR LIT		02.0 TO 06.0 CR	
1	12.00	MT TH	WHLR	203 SOUTHWORTH MARIE J
536C	TCHG FR-COLL LEVEL		01.0 CR	
1	TO BE ARRANGED			
599	THESIS		02.0 TO 09.0 CR	
1	TO BE ARRANGED			VOGELY MAXINE

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

#### German (GER)

126A	GERMAN CONVERSATION		01.0 CR	
	PREREQ	CONCURRENT GSC 126A		
1	01.00	TH	WHAM	305
126B	GERMAN CONVERSATION		01.0 CR	
	PREREQ	CONCURRENT GSC 126B		
1	09.00	T	WHLR	107
2	10.00	T	WHLR	214
3	01.00	T	LS II	130
126C	GERMAN CONVERSATION		01.0 CR	
	PREREQ	CONCURRENT GSC 126C		
1	08.00	TH	WHLR	212
2	09.00	TH	WHLR	214
3	11.00	T	WHAM	326
4	12.00	T	WHLR	107
5	01.00	TH	PARK	301
6	02.00	T	WHAM	303
201B	INTERMEDIATE GERMAN		03.0 CR	
	PREREQ	GER 201A OR EQUIVALENT		
1	09.00	T TH	H EC	201
	09.00	F	H EC	203
201C	INTERMEDIATE GERMAN		03.0 CR	
	PREREQ	GER 201B		
1	09.00	MT TH	WHLR	207
2	11.00	M W F	AG	170
3	01.00	M W F	WHLR	212
220C	INTER GER CONVERSAT		02.0 CR	
	PREREQ	GER 201C OR CONCURRENT REGISTRATION IN 201		
1	11.00	T TH	H EC	3
2	01.00	T TH	WHLR	212
288A	GER - RESEARCH TOOL		03.0 CR	
1	01.00	M	H EC	203 GADWAY INGRID R
	01.00	W F	WHLR	203

288B	GER - RESEARCH TOOL		03.0	CR	
1	12.00	M W F	GYM	203	
288C	GER - RESEARCH TOOL		03.0	CR	
1	02.00	M W F	PARK	301	GADWAY INGRID R
301C	SUR GER LIT TO 1900		03.0	CR	-(ELECTIVE PASS/FAIL)
1	11.00	M W F	H EC	3	
303	NOVELLE 19TH CENT		04.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00	MT THF	PARK	301	
311	GER LIT SINCE 1945		03.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ GER 201C				
1	01.00	M W F	H EC	3	ANDERSON VERNON L
401B	GOETHE'S FAUST		02.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ GER 401A				
1	11.00	T TH	WHLR	207	
403	BALLADS & LYRICS		03.0	CR	-(ELECTIVE PASS/FAIL)
1	11.00	M F	WHLR	207	
	11.00	W	H EC	102	
499	READGS IN 20TH CT	01.0	TO 02.0	CR	-(ELECTIVE PASS/FAIL)
1	02.00	T TH	WHLR	203	
500	SEMINAR CONTEMP LIT		02.0	CR	
1	02.00	M W	PULL	41	
513	20TH CENTURY NOVEL		03.0	CR	
1	09.00	M W	PULL	39	
	09.00	F	PULL	41	
533	GOTHIC		03.0	CR	
1	10.00	M W F	WHLR	203	
536C	TEACH COLLEGE GER		01.0	CR	
1	05.00	T	PULL	37	ANDERSON KEITH
554	GERMAN CLASSICISM		03.0	CR	
	PREREQ GRAD STANDING				
1	06.00-09.00 PM	T	PULL	37	
599	THESIS		02.0	TO 09.0	CR
1	TO BE ARRANGED				

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#### Greek (GRK)

130C	CLASSICAL GRK CONV		01.0	CR	
	PREREQ CONCURRENT GSC 130C				
1	10.00	T	WHLR	207	OBRIEN JOAN V
201C	INTERMEDIATE GREEK		03.0	CR	
	PREREQ GRK 101B				
1	TO BE ARRANGED				OBRIEN JOAN V
313	GREEK TRAGEDY		04.0	CR	-(ELECTIVE PASS/FAIL)
1	TO BE ARRANGED				• OBRIEN JOAN V

#### Latin (LATN)

201C	INTERMEDIATE LATIN		04.0	CR	
	PREREQ LATN 201B				
1	11.00	MT THF	WHLR	113	SPECK CHARLES W
311	ROMAN COMEDY		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ LATN 201C OR EQUIVALENT				
1	TO BE ARRANGED				SPECK CHARLES W
315	READ-LATN AUTHORS	02.0	TO 08.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00	M	0720	117	SPECK CHARLES W
	10.00	W	H EC	3	

#### Russian (RUSS)

136B	RUSS CONVERSATION		01.0	CR	
	PREREQ CONCURRENT GSC 136B				
1	01.00	TH	H EC	118	
136C	RUSS CONVERSATION		01.0	CR	
	PREREQ CONCURRENT GSC 136C				
1	11.00	TH	0720	105	
2	02.00	T	WHLR	212	
201C	INTERMED RUSSIAN		03.0	CR	
	PREREQ RUSS 201B				
1	09.00	M W F	WHAM	319	ORECHWA

220C	INTER RUSS CONVER	02.0 CR
	PREREQ GSC 136C OR CONC REGISTRATION	
	IN ANY QTR OF 201	
1	01.00 T F WHLR 107 SHANKOVSKY	
288C	RUSS- RESEARCH TOOL	03.0 CR
1	03.00 M W F WHLR 203 SHANKOVSKY	
308B	SURVEY RUSS LIT	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ RUSS 308A	
1	10.00 M W F WHAM 319 ORECHWA	
	10.00 T WHAM 307	
408	SOVIET CIVILIZATION	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ RUSS 330C OR APPROVAL OF DEPAR	
	TMENT	
1	02.00 MTW F WHLR 207 SHANKOVSKY	
500	SEM CONTEM RUSS LIT	02.0 CR
1	TO BE ARRANGED	KUPCEK J R
525	SLAV PHONO & MORPHO	04.0 CR
1	TO BE ARRANGED	KUPCEK J R

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Spanish (SPAN)

140A	SPAN CONVERSATION	01.0 CR
	PREREQ CONCURRENT GSC 140A	
1	09.00 T 0720 106	
2	10.00 W 0720 116	
3	11.00 T WHAM 319	
4	01.00 T 0720 106	
5	02.00 W 0720 106	
6	02.00 TH WHLR 212	
140B	SPAN CONVERSATION	01.0 CR
	PREREQ CONCURRENT GSC 140B	
1	09.00 T H EC 118	
2	09.00 W WHLR 214	
3	10.00 TH WHLR 113	
4	11.00 TH WHLR 203	
5	12.00 T H EC 104	
6	02.00 W COMM 1006	
140C	SPAN CONVERSATION	01.0 CR
	PREREQ CONCURRENT GSC 140C	
1	09.00 T WHLR 203	
2	09.00 W 0720 103	
3	10.00 W 0720 103	
4	11.00 W WHLR 207	
5	12.00 T WHLR 207	
6	12.00 TH CL 25	
7	01.00 W CL 25	
8	01.00 TH 0720 103	
9	02.00 W 0720 118	
201A	INTERMED SPANISH	03.0 CR
	PREREQ GSC 140 OR 2 YRS H.S. SPAN OR EQUIV	
1	09.00 M W F WHAM 301A	
	SPAN 201A ALL SECTIONS-1 HR LAB PER WEEK	
	TBA	
2	10.00 MT GYM 204	
	10.00 F H EC 120	
201B	INTERMED SPANISH	03.0 CR
	PREREQ SPAN 201A	
1	11.00 M THF 0862 101	
2	01.00 M 0720 107	
	01.00 T TH 0720 105	
3	03.00 M WTH H EC 104	
	SPAN 201B ALL SECTIONS-1 HR LAB PER WEEK	
	TBA	
201C	INTERMED SPANISH	03.0 CR
	PREREQ SPAN 201B	
1	08.00 M W F WHLR 203	
2	10.00 M WHLR 113	



	10.00	T F	WHLR	107	
3	11.00	T TH	H EC	104	
	11.00	M	AG	218	
4	01.00	M WTH	WHLR	214	
5	02.00	M TH	0720	101	
	02.00	W	0720	104	
SPAN 201C ALL SECTIONS-1 HR LAB PER WEEK					
TBA					
220A	INTER SPAN CONVER		02.0 CR		
	PREREQ GSC 140 OR 2 YRS H.S. SPAN OR EQUIV				
1	10.00	T TH	WHLR	203	
220B	INTER SPAN CONVER		02.0 CR		
	PREREQ SPAN 220A				
1	12.00	T TH	PARK	301	
220C	INTER SPAN CONVER		02.0 CR		
	PREREQ SPAN 220B				
1	09.00	W F	WHLR	207	
2	12.00	T TH	WHLR	214	
288A	SPAN- RESEARCH TOOL		03.0 CR		
1	01.00	MT TH	WHLR	203	
288B	SPAN- RESEARCH TOOL		03.0 CR		
1	02.00	MT TH	WHLR	214	
288C	SPAN- RESEARCH TOOL		03.0 CR		
1	12.00	MT TH	H EC	3	
301	INTERMED READINGS		03.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ 201C OR EQUIV				
1	10.00	M	0720	105	MEINHARDT W
	10.00	W F	0720	114	MEINHARDT W
305	ADV CONVERSATION		03.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ 201C, 220C				
1	09.00	M	WHLR	113	
	09.00	W F	WHLR	212	
310C	SURVEY SPANISH LIT		03.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ SPAN 301-3				
1	09.00	MT TH	WHLR	212	MCBRIDE CHARLES
320A	ADV GRAM AND COMP		03.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ 201C OR EQUIV				
1	11.00	M W F	GYM	203	HARTMAN S L
320B	ADV GRAM AND COMP		03.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ SPAN 320A				
1	10.00	M W F	CL	25	ULNER A R
333C	SURV SPAN AMER LIT		03.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ SPAN 301-3				
1	11.00	M W	PULL	119	ULNER A R
	11.00	F	WHAM	303	
2	01.00	M W F	H EC	104	MEINHARDT WARREN L
401	SP NOVEL 19TH CENT		03.0 CR		-(ELECTIVE PASS/FAIL)
1	10.00	M W F	WHLR	214	MCBRIDE CHARLES
415	LING STRUCT OF SPAN		04.0 CR		-(ELECTIVE PASS/FAIL)
1	12.00	MTW F	H EC	120	CANFIELD D LINCOLN
421	MODERN SP AM POET		03.0 CR		-(ELECTIVE PASS/FAIL)
1	11.00	M W F	WHLR	203	MEINHARDT W
425	HIST SPAN LANG		04.0 CR		-(ELECTIVE PASS/FAIL)
1	11.00	M W F	WHLR	212	CANFIELD D LINCOLN
	11.00	T	WHLR	203	
475	GEN TOPICS IN SPAN		03.0 TO 12.0 CR		-(ELECTIVE PASS/FAIL)
1	09.00	M	WHAM	303	
	09.00	W F	CL	25	
478	SEM LAT AM THOUGHT		04.0 CR		-(ELECTIVE PASS/FAIL)
1	07.00-09.30 PM	T	H EC	208	FRONDIZI RISIERI
CROSSLISTED WITH PHIL 478					
490	READINGS IN SPAN		01.0 TO 06.0 CR		-(ELECTIVE PASS/FAIL)
	PREREQ PERMISSION OF DEPT				
1	TO BE ARRANGED				BORK A W
501	SEMINAR SP AUTHOR		02.0 TO 06.0 CR		
1	11.00	T TH	H EC	120	MCBRIDE CHARLES
536C	TCH COLLEGE SPAN		01.0 CR		
1	TO BE ARRANGED				ANDERSON KEITH

575	ADV TOPICS IN SPAN	03.0 TO 12.0 CR	
1	02.00	M W F WHLR	203 ANDERSON VERNON L
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		CANFIELD D LINCOLN

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## Forestry (FOR)

221	DENDROLOGY	04.0 CR	
1	08.00	M W F AG	152 WEAVER GEORGE T
	09.00-11.50	M AG	187
2	08.00	M W F AG	152 WEAVER GEORGE T
	09.00-11.50	M AG	187
3	08.00	M W F AG	152 WEAVER GEORGE T
	09.00-11.50	F AG	187
306	SILV FIELD STUDIES	03.0 CR	
	PREREQ BIOL 307 OR EQUIVALENT		
1	TO BE ARRANGED		BUDELSKY CARL A
340	FOREST PROTECTION	04.0 CR	
	PREREQ BIOL 307 AND FOR 365A OR EQUIV		
1	TO BE ARRANGED		ROTH PAUL L
350B	FOR & OUTDOOR REC	03.0 CR	
1	TO BE ARRANGED		MCCURDY DWIGHT R
363B	FOREST MENSURATION	03.0 CR	
	PREREQ FOR 221, FOR 363A		
1	TO BE ARRANGED		KUNG FAN HAO
365B	SILVICULTURE-FIELD	03.0 CR	
	PREREQ FOR 365A		
1	TO BE ARRANGED		BUDELSKY CARL A
381	FORESTRY SEMINAR	01.0 TO 02.0 CR	
1	04.00	T AG	155
390	SPEC PROB IN FOREST	01.0 TO 06.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		
433	FOR PRODUCTS INDUST	04.0 CR	
	PREREQ JR STANDING OR CONSENT OF INST		
1	11.00	M W F AG	166 MOSLEMI ALI A
	01.00-04.50	F AG	166 MOSLEMI ALI A
451B	FOR PARK PLAN DEVEL	04.0 CR	
	PREREQ FOR 451A		
1	11.00	T TH AG	166
	12.00-03.50	T AG	132
2	11.00	T TH AG	166
	12.00-03.50	TH AG	132
3	11.00	T TH AG	166
	01.00-04.50	F AG	132
465	FOR FIELD STUDIES	02.0 CR	
	PREREQ FOR 330, 363A, 365A		
1	TO BE ARRANGED		ANDRESEN JOHN W
471	LAND RESOURCE ECON	04.0 CR	
	PREREQ FOR 470A OR ECON 440 OR AG I 350		
1	10.00	MTW F AG	168
	CROSSLISTED WITH AG I 471		
483	URBAN FOREST MGT	04.0 CR	
	PREREQ FOR 221 & KNOWLEDGE OF PLANT MATERIALS		
1	12.00	M W F AG	152 ANDRESEN JOHN W
	08.00-10.50	TH AG	187 ANDRESEN JOHN W
490	PRACTICUM	04.0 TO 16.0 CR	
	PREREQ CONSENT OF DEPARTMENT		
1	TO BE ARRANGED		MOSLEMI ALI A
520A	READ FOR & FOR REC	01.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		
520B	READINGS RES ECON	01.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		FERELL RAYMOND S

520C READ FOR PRO WD SCI 01.0 TO 06.0 CR  
 PREREQ CONSENT OF INSTRUCTOR  
 1 TO BE ARRANGED MOSLEMI ALI A  
 570 PRIN OF RESEARCH 04.0 CR  
 PREREQ 4 HRS STATISTICAL METHODS OR  
 CONSENT OF INSTR  
 1 TO BE ARRANGED FERELL RAYMOND S  
 575 RESEARCH 01.0 TO 06.0 CR  
 1 TO BE ARRANGED  
 581 ADVANCED FOR SEMIN 01.0 TO 06.0 CR  
 PREREQ CONSENT OF INSTRUCTOR  
 1 TO BE ARRANGED  
 599 THESIS 01.0 TO 09.0 CR  
 1 TO BE ARRANGED

### Geography (GEOG)

300 INTRO TO GEOG 04.0 CR  
 1 10.00 MTWTH AG 216 THOMAS FRANK  
 302 PHYSICAL GEOGRAPHY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GEOG 300  
 1 12.00 MTWTH AG 154 GUPTA A  
 304 ECONOMIC GEOGRAPHY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GEOG 300  
 1 01.00 MTWTH 0483 101 BAUMAN DUANE  
 306 CULTURAL GEOGRAPHY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GEOG 300  
 1 02.00 MTWTH 0483 101 AREY DAVID  
 310A CARTOGRAPH METHODS 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GEOG 300  
 1 02.00-03.50 M W 0431 101 IRWIN DANIEL RICHARD  
 331 CLIMATE 04.0 CR  
 1 08.00-09.50 M W AG 154 MEENTEMEYER VERNON  
 360 GEOG OF ILLINOIS 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 01.00-02.50 T TH LAWSON 131 HORSLEY A DOYNE  
 364 GEOG-SOVIET WORLD 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 10.00 MTWTH AG 154  
 366 GEOG-EAST & S ASIA 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 11.00 MTWTH AG 154  
 424 REG PROB IN RES MGT 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 03.00-04.50 T TH 0483 101 AREY DAVID  
 432B MOISTURE EXCHANGES 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GEOG 302 OR 400 OR CONSENT  
 1 10.00 MTWTH 0483 101 SLAYMAKER OLAV  
 440 READINGS-MAJORS 02.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ ADVANCED STANDING & CONSENT OF  
 INSTR & DEPT CHAIRMAN  
 1 TO BE ARRANGED CARTER DOUGLAS  
 470A URBAN PLANNING 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ JR LEVEL STANDING  
 1 02.00-03.50 T TH CL 109 CHRISTENSEN DAVID E  
 487A HONORS TUTORIAL 02.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF DEPT  
 1 TO BE ARRANGED CARTER DOUGLAS  
 487B HONORS READING 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF DEPT  
 1 TO BE ARRANGED CARTER DOUGLAS  
 487C HONORS SUPERV RES 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ 487A OR B AND CONSENT OF DEPT  
 1 TO BE ARRANGED CARTER DOUGLAS  
 490A TUTORIAL IN GEOG 01.0 TO 04.0 CR  
 PREREQ GEOG MAJOR AND SENIOR STANDING  
 1 02.00-03.50 M 0486 101 JONES DAVID L  
 490B TUTORIAL IN GEOG 01.0 TO 04.0 CR  
 PREREQ GEOG MAJOR AND SENIOR STANDING  
 1 12.00-01.50 M 0486 101 CARTER DOUGLAS  
 520 SEMINAR PHYS GEOG 04.0 CR  
 1 03.00-04.50 M W 0483 101 SLAYMAKER OLAV



521	SEM-ECON GEOG	04.0 CR			
1	06.00-08.30 PM M	0483	101	BAUMAN DUANE	
525	SEM-ECON IN GEOG	04.0 CR			
	PREREQ GEOG 4228 OR CONSENT OF INSTRUCTOR				
1	06.00-07.30 PM T TH	0486	101	BEAZLEY RONALD	
530	INDEP STUDY GEOG	02.0 TO 10.0 CR			
1	TO BE ARRANGED			CARTER DOUGLAS	
540A	RESEARCH PHYS GEOG	02.0 TO 36.0 CR			
	PREREQ GEOG 520				
1	TO BE ARRANGED			SHARPE DAVID M	
540B	RESEARCH-ECON GEOG	02.0 TO 36.0 CR			
	PREREQ GEOG 521				
1	TO BE ARRANGED			BEAZLEY RONALD	
540C	RESEARCH REG GEOG	02.0 TO 36.0 CR			
	PREREQ GEOG 522				
1	TO BE ARRANGED			AREY DAVID G	
540D	RESEARCH CULT GEOG	02.0 TO 36.0 CR			
	PREREQ GEOG 524				
1	TO BE ARRANGED			PENNINGTON CAMPBELL	
599	THESIS	03.0 TO 09.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED			CARTER DOUGLAS	
600	DISSERTATION	01.0 TO 48.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED			CARTER DOUGLAS	

## Geology (GEOL)

220	PHYSICAL GEOLOGY	03.0 CR			
	PREREQ HIGH SCHOOL OR COLLEGE CHEM				
1	01.00 T TH	PARK	124	DAVIS RICHARD W	
	09.00-11.50 W	PARK	112		
2	01.00 T TH	PARK	124	DAVIS RICHARD W	
	01.00-03.50 W	PARK	112		
3	01.00 T TH	PARK	124	DAVIS RICHARD W	
	02.00-04.50 T	PARK	112		
315	PETROLOGY	04.0 CR		-(ELECTIVE PASS/FAIL)	
	PREREQ GEOL 310				
1	11.00 M W F	PARK	103	HOOD WILLIAM C	
	01.00-03.50 W	PARK	103	HOOD WILLIAM C	
320	ECONOMIC GEOLOGY	04.0 CR			
	PREREQ GEOL 302 AND 310B				
1	08.00 M W F	PARK	103	HOOD WILLIAM C	
	01.00-03.50 F	PARK	103	HOOD WILLIAM C	
321	INTRO PALEONTOLOGY	03.0 CR			
1	11.00 T TH	PARK	111	UTGAARD	
	03.00-04.50 M	PARK	107		
2	11.00 T TH	PARK	111	UTGAARD	
	10.00-11.50 M	PARK	107		
3	11.00 T TH	PARK	111	UTGAARD	
	01.00-02.50 M	PARK	107		
374	GEOMORPHOLOGY	04.0 CR			
	PREREQ GEOL 220				
1	10.00 M W F	PARK	112	RITTER DALE	
	02.00-04.50 TH	PARK	205	RITTER DALE	
410	STRATIGRAPHY&SED	04.0 CR		-(ELECTIVE PASS/FAIL)	
	PREREQ GEOL 220,221,310A,315,425A&B				
	OR CONSENT OF INSTR				
1	09.00 M W F	PARK	103	ETHRIDGE FRANK G	
	01.00-03.50 T	PARK	103	ETHRIDGE FRANK G	
411	MINERALOGY III	03.0 CR			
	PREREQ GEOL 310 A&B				
1	11.00 M W F	COMM	8	ROBINSON PAUL	
416	X-RAY CRYSTALLOG	04.0 CR			
	PREREQ GEOL 310, MATH 150				
1	04.00-05.50 M W F	COMM	8	ROBINSON PAUL	
440	INDEPENDENT STUDY	01.0 TO 04.0 CR			
	PREREQ GEOL 220,221,ADVANCED STANDING				
1	TO BE ARRANGED				

450A	FIELD GEOLOGY	03.0 CR			
	PREREQ GEOL 302 & 315				
1	TO BE ARRANGED				DUTCHER RUSSELL R
455	ENGINEERING GEOLOGY	03.0 CR			
	PREREQ GSA 110A, B OR GEOL 220				
1	10.00 T TH	PARK	115		DAVIS RICHARDW
	CROSSLISTED WITH ENGR 455				
470C	EARTH SCI FOR TEACH	03.0 CR			
	PREREQ TEACHING EXPERIENCE				
1	06.00-08.30 PM M	PARK	206		HARRIS STANLEY E JR
482	COAL PETROLOGY	04.0 CR			
	PREREQ GEOL 220 & 221 OR CONSENT OF INSTR				
1	TO BE ARRANGED				COHEN ARTHUR D
520C	ADV PETROL-SEDIMEN	04.0 CR			
1	10.00 M W F	PARK	103		ETHRIDGE FRANK G
	01.00-03.50 M	PARK	103		
529B	ADV INVERT PALEON	04.0 CR			
	PREREQ GEOL 425 OR CONSENT				
1	TO BE ARRANGED				FRAUNFELTER GEORGE H
540	ADVANCED STUDIES	01.0 TO 09.0 CR			
	PREREQ CONSENT				
1	01.00 M W F	PARK	103		
	TOPIC - GEOCHEMISTRY				
541	RESEARCH	01.0 TO 09.0 CR			
	PREREQ CONSENT				
1	TO BE ARRANGED				
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED				

## Government (GOVT)

200	INTR TO POL SCIENCE	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	03.00 MT THF	0495	219	SHADE WILLIAM	
232	STATE LOCAL GOVT	04.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ GSB 211B				
1	08.00 MT THF	WHAM	112	KENNEY DAVID	
2	11.00 MTWTH	WHAM	112	RIDGEWAY MARIAN	
3	02.00 TWTHF	WHAM	112	ARMOUR MARYA	
4	03.00 MT THF	WHAM	112	LONG SAMUEL	
303	INTERNATL RELATIONS	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	08.00 TWTHF	WHAM	228	STAUBER LELAND	
2	12.00 MT THF	WHAM	228	KLINGBERG FRANK	
3	04.00 MTWTH	0495	219	LEVINE MARK	
305	DEV AM CONSTITUTION	04.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ GSB 211B OR GOVT 231				
1	09.00 M WTHF	WHAM	112	TURNER MAX WESLEY	
306	INTRO POLITICAL TH	04.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ GOVT 200 RECOMMENDED				
1	01.00 MT THF	LS II	250	PAINE JOANN	
311	REG AMER CAPITALISM	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	01.00 MTW	PULL	118	GOODSELL CHARLES T	
	01.00 TH	WHAM	205		
315	ADMIN OF JUSTICE	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ GSB 211B OR GOVT 231				
1	09.00 MT TH	WHAM	308	ALEXANDER ORVILLE	
321	READINGS	01.0 TO 06.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ APPROVAL OF GOVT DEPT UNDER-GRAD ADVISOR				
1	TO BE ARRANGED				SAPPENFIELD MAX
2	TO BE ARRANGED				SAPPENFIELD MAX
330	ILL GOVERNMENT	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ GOVT 232 OR JR STANDING				
1	11.00 M W F	WHAM	302	TURNER MAX	
360	PUBLIC ADMIN	04.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ GSB 211B OR GOVT 231				
1	08.00 MT THF	0495	219	SAPPENFIELD M M	
2	01.00 MTWTH	0495	219	HANSON EARL	
3	07.35-09.15 PM M W	WHAM	317	FLENTJE EDWARD	

GOVT classes: Building 0495 is located at 600 W. Freeman St.



361	PUBLIC ADM & POLICY	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GOVT 360	
1	10.00 MT TH WHAM 201 KAMARASY EGON	
380	POLITICAL PARTIES	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 231 OR GSB 211B	
1	11.00 M WTHF LS II 450 BROH TONY	
2	01.00 MT THF WHAM 112 LONG SAMUEL	
392	INTRO LAT AM GOVT	04.0 CR -(ELECTIVE PASS/FAIL)
1	01.00 M WTHF WHAM 317 GARNER WILLIAM	
395	INTERNSP-PUB AFFAIR	04.0 TO 12.0 CR-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF DEPT	
1	TO BE ARRANGED LONG SAMUEL	
398	GOVERNMENT AND LAW	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 231 OR GSB 211B	
1	12.00 MT THF WHAM 206 LAUGHLIN QONNIE	
420	PRESS GRPS & POL	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 211B OR GOVT 231	
1	11.00 MTWTH 0495 219 ALEXANDER ORVILLE	
425	BLKS&WHTS-AMER POL	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 211B OR GOVT 231	
1	12.00 MT THF 0495 219 MORRIS MILTON D	
450C	LATIN-AMERICAN GOVT	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 392 RECOMMENDED	
1	03.00 M WTHF WHAM 317 GARNER WILLIAM R	
453C	SOVIET RUSSIA	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 390 OR CONSENT OF INSTR	
1	10.00 TWTHF WHAM 317 STAUBER LELAND	
459	POL-DEVELOPING AREA	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 390 OR CONSENT OF INSTR	
1	02.00 M WTHF WHAM 317 BHATTACHARYYA JNAN	
470	URBAN PLANNING	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCENTRATION IN GEOGRAPHY OR CONSENT	
1	02.00-03.50 T TH CL 109 CHRISTENSEN DAVID E	
	CROSSLISTED WITH GEOG 470A	
471	AM FOREIGN POLICY	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 345 OR CONSENT OF INSTR	
1	02.00 MT THF WHAM 205 KLINGBERG FRANK	
474	LAW ENFORCEMENT AD	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 360, 467 OR CONSENT OF INSTR	
1	03.00-04.50 T TH WHAM 303 RICH VERNON	
	CROSSLISTED WITH AJ 474	
477	GOVT & POL VIET NAM	04.0 CR -(ELECTIVE PASS/FAIL)
1	12.00 MTWTH WHAM 112 JACOBINI H B	
480	PACIFIC & FAR EAST	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 303 OR HIST 370	
1	10.00 MT THF WHAM 329 CHOU IKUA	
484B	HIST POL THEORY-MOD	04.0 CR -(ELECTIVE PASS/FAIL)
1	09.00 TWTHF WHAM 317 MORTON WARD	
487B	AMERICAN POL IDEAS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 231 OR GSB 211B	
1	09.00 MT TH CL 25 RIDGEWAY MARIAN E	
488C	REC POLIT THEORY	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ SR OR GRAD STANDING, OR CON- SENT OF INSTR	
1	12.00 T THF WHAM 317 MORTON WARD	
490	HONORS RESEARCH	02.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR & CHAIRMAN	
1	TO BE ARRANGED SAPPENFIELD M M	
495C	CONSTITUTIONAL LAW	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 212 OR EQUIV, 495B OR CON- SENT OF INSTR	
1	11.00 MT THF WHAM 317 NELSON RANDALL H	
498	JURIS-THEO OF LAW	04.0 CR -(ELECTIVE PASS/FAIL)
1	10.00 MTWTH 0495 219 JACOBINI H B	
500C	METH EMPIRICAL RES	03.0 CR
	PREREQ GOVT 500A&B	
1	03.00-04.50 M W 0495 241 MILLER ROY	



502	SEM GOVT & PGL PROB	04.0 TO 12.0 CR			
	PREREQ	BASIC COURSES, RELATED TRNG OR			
		CONSENT OF INSTR			
1	03.00-04.50	T TH	0495	241	HANSON EARL T
GOVT classes: Building 0495 is located at 600 W. Freeman St.					
511	SEM LOCAL GOV & POL	04.0 CR			
	PREREQ	GOVT 467 OR CONSENT OF INSTR			
1	10.00-11.50	T TH	0495	241	ARMOUR MARY ANN
512	SEMINAR PUB ADMIN	04.0 TO 12.0 CR			
	PREREQ	GOVT 461 OR CONSENT OF INSTR			
1	03.00-04.50	M W	WHAM	312	GOODSELL CHARLES T
515	SEM COMPAR GOV & POL	04.0 TO 12.0 CR			
	PREREQ	BASIC COURSES, RELATED TRNG OR			
		CONSENT OF INSTR			
1	01.00-02.50	T TH	0495	241	CHOU IKUA
520	SEM AMER FOR POLICY	04.0 CR			
	PREREQ	BASIC COURSES, RELATED TRNG OR			
		CONSENT OF INSTR			
1	10.00-11.50	M W	0495	241	LANDECKER MANFRED
521	READINGS	01.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				PAINE JOANN
2	TO BE ARRANGED				PAINE JOANN
530	INTERNSP PUB AFF	04.0 TO 12.0 CR			
	PREREQ	CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				LONG SAMUEL
584	SEM-CORRECT PRO MGT	04.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	02.00-04.50	TH	WHAM	312	JOHNSON ELMER
	CROSSLISTED WITH AJ 584				
595	INDIVIDUAL RESEARCH	02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				PAINE JOANN
599	THESIS	01.0 TO 09.0 CR			
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				PAINE JOANN
600	DISSERTATION	01.0 TO 48.0 CR			
	PREREQ	MIN OF 36 HRS TO BE EARNED FOR			
		DOC OF PHIL DEGREE			
1	TO BE ARRANGED				PAINE JOANN

## Guidance and Educational Psychology (GUID)

100	DECIS MAKE- CAREER	02.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	11.00	T	WHAM	328	EVANS JOHN REAVES
	09.00	TH	WHAM	301A	
2	11.00	T	WHAM	328	
	09.00	TH	PULL	41	
3	11.00	T	WHAM	328	
	11.00	TH	WHAM	206	
4	11.00	T	WHAM	328	
	11.00	TH	PULL	310	
5	01.00	M	WHAM	210	
	01.00	W	WHAM	312	
6	01.00	M	WHAM	210	
	01.00	W	WHAM	112	
7	01.00	M	WHAM	210	
	03.00	W	WHAM	112	
8	01.00	M	WHAM	210	
	03.00	W	WHAM	321	
305	EDUC PSYCHOLOGY	04.0 CR			
	PREREQ	GSE 201C & ADMISSION TO			
		TEACHER ED PROGRAM			
1	08.00-09.50	W F	PULL	37	
2	08.00-09.50	T TH	PULL	37	
3	09.00-10.50	M	PULL	37	
	09.00-10.50	F	PULL	35	

4	09.00-10.50	M W	PULL	35	
5	09.00-10.50	T TH	PULL	35	
6	10.00-11.50	W F	PULL	37	
7	10.00-11.50	T TH	PULL	37	
8	11.00-12.50	M	PULL	37	
	11.00-12.50	F	PULL	35	
9	11.00-12.50	T TH	PULL	35	
10	11.00-12.50	M W	PULL	35	
11	12.00-01.50	W F	PULL	37	
12	12.00-01.50	T TH	PULL	37	
13	01.00-02.50	M W	PULL	35	
14	01.00-02.50	T TH	PULL	35	
15	02.00-03.50	M W	PULL	37	
16	02.00-03.50	T TH	PULL	37	
17	03.00-04.50	M W	PULL	35	
18	03.00-04.50	T TH	PULL	35	
412	MENTAL HYGIENE			04.0	CR
	PREREQ	GUID 305			
1	09.00-10.50	T	WHAM	302	YATES J W
	09.00-10.50	TH	WHAM	307	
2	09.00-10.50	T	WHAM	302	YATES J W
	09.00-10.50	F	WHAM	321	
3	01.00-02.50	M W	WHAM	201	YATES J W
422A	CONST-USE EVAL INST			04.0	CR
	PREREQ	GUID 305			
1	08.00-09.50	W F	LAWSON	121	HALADYNA THOMAS
2	08.00-09.50	W	WHAM	206	WILLIAMS REED
	08.00-09.50	F	WHAM	208	
3	09.00-10.50	T TH	WHAM	228	WHITE GORDON W
4	01.00-02.50	T TH	WHAM	228	RECTOR ALICE
5	03.00-04.50	T TH	LAWSON	121	DENZEL HARRY
442	BASIC PRIN OF GUID			04.0	CR
	PREREQ	GUID 305			
1	03.00-04.50	M W	WHAM	202	BRADLEY RICHARD W
481	SEMINAR			02.0 TO 12.0	CR
	PREREQ	GUID 305 AND CONSENT OF INSTRUCTOR & DEPT			
1	TO BE ARRANGED				
2	TO BE ARRANGED				KELLY JACK
501	SPEC RESEARCH PROB			02.0 TO 12.0	CR
	PREREQ	ADVANCED STANDING & CONSENT OF DEPARTMENT			
1	05.00	T TH	WHAM	301A	CODY JOHN J
505	INTR TO STAT METH			04.0	CR
1	09.00-10.50	M W	WHAM	228	BEGGS DONALD LEE
2	01.00-02.50	M W	WHAM	228	BEGGS DONALD LEE
506	ADV STATISTICAL MET			04.0	CR
	PREREQ	GUID 505			
1	09.00-10.50	T TH	WHAM	312	LINDSEY JEFFERSON
2	02.00-03.50	T TH	WHAM	305	LINDSEY JEFFERSON
507	DES & ANAL OF EXPER			04.0	CR
	PREREQ	GUID 506			
1	08.00-09.50	M W	WHAM	321	LEWIS ERNEST
2	01.00-02.50	M W	WHAM	305	LEWIS ERNEST
3	06.00-09.00 PM	T	WHAM	305	MCNEIL KEITH
4	06.00-09.00 PM	M	WHAM	307	MCNEIL KEITH
511	ED IMPL OF LEARN TH			04.0	CR
	PREREQ	ADVANCED STANDING			
1	03.00-04.50	T TH	WHAM	301B	WILLIAMS REED G
515	PSY ASPECTS OF ED			04.0	CR
	PREREQ	ADVANCED STANDING			
1	07.35-09.15 PM	M W	WHAM	329	MILES DAVID T
521A	ANAL-CLASSRM BEHAV			04.0	CR
	PREREQ	GUID 305			
1	10.00-11.50	T TH	WHAM	301B	BARDO HAROLD
531	THEORY OF MEASUREMT			04.0	CR
	PREREQ	GUID 505 OR CONSENT OF INSTR			
1	01.00-02.50	T TH	WHAM	301B	TYLER THOMAS

541	OCCUP INF & GUID			04.0 CR	
	PREREQ	GUID 442			
1	06.00-09.00 PM	TH	WHAM	206	RAMP WAYNE S
	CROSSLISTED WITH OE	541			
545M	SEM-PSYC FOUND - ED			04.0 CR	
1	10.00-11.50	M W	WHAM	312	KELLY FRANCIS JOHN
2	10.00-11.50	M W	WHAM	301A	CODY JOHN J
548C	PRAC IN COUNSELING			02.0 TO 08.0 CR	
	PREREQ	CONSENT OF INSTR & 548A OR 548 B			
1	TO BE ARRANGED				GRAFF ROBERT W
	ABOVE SECTION RESTRICTED TO ELEMENTARY				
2	TO BE ARRANGED				MEEK CLINTON
3	TO BE ARRANGED				ALTEKRUSE MICHAEL
4	TO BE ARRANGED				ALTEKRUSE MICHAEL
548D	PRAC IN SCHOOL PSYC			02.0 TO 08.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				AMBLE BRUCE ROY
553	ORG & AD OF GUID			02.0 TO 04.0 CR	
	PREREQ	GUID 537			
1	06.00-09.00 PM	T	WHAM	303	BARDO HAROLD
562A	HUM DEV IN ED-CHILD			04.0 CR	
	PREREQ	ADVANCED STANDING			
1	06.00-09.00 PM	M	WHAM	312	DEICHMANN JOHN W
567	TOP SEM-EDUC PSYC			02.0 TO 12.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				HILLER JACK H
568	TOP SEM-COUN & GUID			02.0 TO 12.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	10.00-11.50	TH	WHAM	301A	GRAFF ROBERT W
580	TOP SEM-STAT & MEAS			02.0 TO 12.0 CR	
	PREREQ	INSTRUCTORS PERMISSION			
1	01.00-02.50	T TH	WHAM	212	HALADYNA THOMAS
581	PRACT-COUNS & GUID			01.0 TO 12.0 CR	
	PREREQ	GUID 548C			
1	TO BE ARRANGED				
590	SEM - BEHAV FOUNDAT			02.0 CR	
	PREREQ	FORMAL ADMISSION TO DOCTOR OF PHIL STUDIES			
1	10.00-11.50	M W	WHAM	301B	DEICHMANN JOHN
	STUDENTS MUST ALSO ENROLL FOR EDAF	591			
596	INDEP INVESTIGATION			02.0 TO 12.0 CR	
	PREREQ	INSTRUCTORS PERMISSION			
1	TO BE ARRANGED				CODY JOHN J
597	INDEPENDENT STUDY			01.0 TO 12.0 CR	
	PREREQ	CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				CODY JOHN J
599	THESIS			01.0 TO 09.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				DEICHMANN JOHN W
600	DISSERTATION			01.0 TO 48.0 CR	
1	TO BE ARRANGED				DEICHMANN JOHN W

### Health Education (HED)

301	H ED CONCEPTS ADV			04.0 CR	
1	09.00	MTWTH	ARENA	121	HARRIS EILEEN M
2	11.00	MTWTH	ARENA	121	
302S	DRIVER-TRAFF SAFETY			04.0 CR	
	PREREQ	A VALID DRIVERS LICENSE			
1	08.00	MTWTH	L-APS	136	LINDAUER LARRY B
2	10.00	MTWTH	L-APS	136	
305	PRIN-FOUND H ED			04.0 CR	
1	10.00	MTWTH	ARENA	123	RUSSELL ROBERT D
312	EMOTIONAL HEALTH			04.0 CR	
1	11.00	MTWTH	ARENA	123	RICHARDSON CHARLES
313S	INTRO SAFETY EDUC			04.0 CR	
1	09.00	MTWTH	L-APS	136	TURNAUER MARTIN S
2	11.00	MTWTH	L-APS	136	TURNAUER MARTIN S



323S	METH MAT SAFETY EDU	04.0 CR		
1	01.00 MTWTH	L-APS 136	RITZEL DALE O	
325	COMM HEALTH PROB	03.0 CR		
1	10.00 M WTH	ARENA 121	FREEMAN NORMAN R	
334S	FIRST AID	04.0 CR		
1	08.00 MTWTH	ARENA 119		
2	10.00 MTWTH	ARENA 119	DOOLEY AUBREY C	
3	11.00 M WTHF	ARENA 119	KLAWITER WARREN D	
4	12.00 M WTHF	ARENA 119	KLAWITER WARREN D	
5	01.00 MTWTH	ARENA 119		
6	02.00 MTWTH	ARENA 119		
7	05.45-07.25 T TH	ARENA 119	HARRIS EILEEN M	
8	05.45-07.25 M W	ARENA 119	DOOLEY AUBREY C	
350	METH MAT SCH HEALT	04.0 CR		
1	02.00 MTWTH	ARENA 119	PHILLIPS FRANCES K	
356	PUBLIC HEALTH II	05.0 CR		
1	TO BE ARRANGED		RICHARDSON CHARLES	
400	HEALT APP SCH CHILD	04.0 CR		
	PREREQ NOT OPEN TO STUDENTS WHO HAVE HAD 450			
1	06.30-09.00 PM W	ARENA 123	LEFEVRE JOHN R	
401	DIS PREVENT & CONTR	03.0 CR		
1	06.30-09.00 PM W	ARENA 121	AMADIO JOHN B	
405	SEX EDUC IN SCHOOLS	04.0 CR		
	PREREQ JR, SR, OR GRAD STATUS			
1	08.00 MTWTH	ARENA 123		
426	KNOWLEDGE TESTING	03.0 CR		
1	06.30-09.00 PM TH	ARENA 123		
442S	DRIV & TRAF SAFE ED	04.0 CR		
	PREREQ HED 302S			
1	08.00 MTWTH	L-APS 136	RITZEL DALE O	
	MUST ENROLL IN H ED 445S CONCURRENTLY			
443S	DRIV & TRAF SAFE ED	04.0 CR		
	PREREQ HED 442S			
1	06.30-09.00 PM T	L-APS 136	RITZEL DALE O	
445S	DRIVER SIMULATION	04.0 CR		
	PREREQ H ED 443S OR CONSENT OF INSTR			
1	09.00 MTWTH	L-APS 136		
	MUST ENROLL IN H ED 442S CONCURRENTLY			
460	SCH HEALTH PROGRAMS	04.0 CR		
1	09.00 MTWTH	ARENA 119	HARRIS EILEEN M	
475S	TRAFFIC LAW ENFORCE	04.0 CR		
	PREREQ H ED 433S OR CONSENT OF INSTR			
1	06.30-09.00 PM TH	L-APS 136	LINDAUER LARRY B	
490	FLD WK SCH COMM HEA	02.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTR			
1	TO BE ARRANGED		RICHARDSON CHARLES	
495S	DRIVER ED-HANDICAP	04.0 CR		
	PREREQ ADVANCED STANDING OR CONSENT OF INSTR			
1	09.00-12.00 S	L-APS 136	KRAEMER DAVID GEORGE	
510	CONST CURR-HED&SAFE	04.0 CR		
1	06.30-09.00 PM M	ARENA 123	RUSSELL ROBERT	
515	CUR LIT IN HTH ED	04.0 CR		
1	TO BE ARRANGED		HARRIS EILEEN M	
520	SPEC PROJ-HED & SAF	04.0 TO 06.0 CR		
1	TO BE ARRANGED		BOYDSTON DONALD N	
526	EVAL IN HED & SAFE	04.0 CR		
1	06.30-09.00 PM T	ARENA 121	CASEY LESLIE R	
533C	HUMAN CONSERVATION	04.0 CR		
	PREREQ H ED 533A,B			
1	06.30-09.00 PM TH	ARENA 121	RICHARDSON CHARLES	
540S	READ-TRAF & SAF ED	01.0 TO 04.0 CR		
	PREREQ ADVANCED GRADUATE STANDING AND CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED		AARON JAMES E	
545S	EXTERNSHIP-TR&S ED	04.0 CR		
	PREREQ ADVANCED GRADUATE STANDING AND CONSENT OF INSTRUCTOR			

1	TO BE ARRANGED				AARON JAMES E
550S	CURRENT DEV-D&S ED	04.0 CR			
	PREREQ ADVANCED GRADUATE STANDING AND CONSENT OF INSTRUCTOR				
1	06.30-09.00 PM M	L-APS 136			AARON JAMES E
590	FIELD INTERNSHIP	04.0 TO 12.0 CR			
1	TO BE ARRANGED				GRISSOM DEWARD K
597A	SEM IN HED & SAFETY	01.0 CR			
1	TO BE ARRANGED				BOYDSTON DONALD N
597B	SEM IN HED & SAFETY	01.0 CR			
1	TO BE ARRANGED				BOYDSTON DONALD N
597C	SEM IN HED & SAFETY	01.0 CR			
1	TO BE ARRANGED				BOYDSTON DONALD N
599	THESIS	03.0 TO 09.0 CR			
1	TO BE ARRANGED				BOYDSTON DONALD N
600	DISSERTATION	01.0 TO 48.0 CR			
	PREREQ MUST MEET MINIMUM REQ OF 36 HRS FOR PH D DEGREE				
1	TO BE ARRANGED				BOYDSTON DONALD N

## Higher Education (HIED)

402	PRIN STU PERS GP WK	02.0 CR	-(ELECTIVE PASS/FAIL)		
1	06.30-08.30 PM W	LAWSON 171			SPEES EMIL R
510	HIGHER EDUC IN U S	04.0 CR			
1	04.00-05.50 T TH	LS II 430			HAWLEY JOHN BABCOCK
512	HIED-SELECT NATIONS	04.0 CR			
1	06.30-09.15 PM TH	WHAM 328			CALDWELL OLIVER
516	COL STUDENT-CULTURE	04.0 CR			
1	10.00-11.50 T	WHAM 321			GRAHAM JACK W
	10.00 TH	LAWSON 121			
	11.00 TH	WHAM 321			
518	COLLEGE TEACHING	04.0 CR			
1	06.30-09.15 PM W	WHAM 210			SWINBURNE BRUCE R
522	READINGS	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				GRAHAM-CASEBEER
2	TO BE ARRANGED				TOLLE-SWINBURNE
3	TO BE ARRANGED				KEENE-KING
4	TO BE ARRANGED				HAWLEY-CALDWELL
523A	INTERN-COLL TEACH	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				TOLLE & SWINBURNE
523B	INTERN-STUDENT PERS	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				GRAHAM & CASEBEER
523C	INTERN-COLLEGE ADM	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				KEENE & KING
523D	INTERNSHIP	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				JUNG LOREN B
524	INDIVIDUAL STUDY	02.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				GRAHAM & CASEBEER
2	TO BE ARRANGED				TOLLE
3	TO BE ARRANGED				KEENE & KING
4	TO BE ARRANGED				HAWLEY & CALDWELL
5	TO BE ARRANGED				SWINBURNE
	ABOVE SECTION-MGT BY OBJECTIVES IN HIED-				
	8.30-11.30 M				
535C	STUDENT PER GROUP W	02.0 CR			
1	TO BE ARRANGED				CASEBEER ARTHUR L
535F	BUS & FISCAL ADMIN	02.0 CR			
1	07.00-09.00 PM TH	WHAM 307			
535G	ACAD & FACT ADMIN	02.0 CR			
1	07.00-09.00 PM T	WHAM 328			KING JOHN E
535H	ADMIN OF ADM & REC	02.0 CR			
1	07.00-09.30 PM M	WHAM 301A			MCGRATH ROBERT A



535I	JR COLLEGE ADMIN		02.0 CR		
1	04.00-05.50	W	WHAM	301B	TOLLE DONALD J
535M	INSTITUTION RESERCH		02.0 CR		
1	07.30-09.30 PM	T	WHAM	212	JUNG LOREN B
545V	FED GOV & HI ED		03.0 CR		
1	03.00-05.30	M	WHAM	301A	ADAMS FRANK CLYDE
	DEVELOPMENT OF STUDENTFINANCIAL AIDS				
551	CURR DES & POLICY		04.0 CR		
1	09.00-11.50	S	WHAM	321	TOLLE DONALD J
555	PHILOSOPHY OF HI ED		04.0 CR		
1	06.30-09.15 PM	TH	WHAM	303	SPEES EMIL
565	COMMUNIT-JR COLLEGE		04.0 CR		
1	04.00-05.50	T TH	WHAM	329	SWINBURNE BRUCE R
578	ECON ASPECT OF HIED		04.0 CR		
1	06.30-09.15 PM	M	WHAM	301B	KEENE ROLAND
595	HIED SEMINAR III		02.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				HAWLEY & KING
599	THESIS		01.0 TO 09.0 CR		
1	TO BE ARRANGED				
600	DISSERTATION		01.0 TO 48.0 CR		
	PREREQ MINIMUM OF 36 HRS TO BE EARNED				
	FOR DOCTOR OF PHIL				
1	TO BE ARRANGED				

### History (HIST)

200A	HIST OF WEST CIV		03.0 CR		
1	10.00	T THF	LAWSON	101	TENT JAMES
200B	HIST OF WEST CIV		03.0 CR		
1	10.00	MT TH	WHAM	308	CHARLES EUNICE
200C	HIST OF WEST CIV		03.0 CR		
1	08.00	M W F	LAWSON	231	MCFARLIN HAROLD
251	PROB-HIST WORLD CIV		04.0 CR		
	PREREQ PRES SCHOLAR OR PROFICIENCIES				
	GSB 100A, B				
1	01.00-03.50	TH	PULL	318	BREHM DONALD
	CROSSLISTED WITH PR S 251B				
304C	ANC WORLD-ROME		03.0 CR		
1	11.00	T TH	H EC	203	SHELBY LON
	11.00	F	H EC	102	SHELBY LON
309A	SURV BLACK AM HIST		03.0 CR		
1	09.00	M W F	AG	216	JAMES FELIX
315B	INTEL HIST-WEST WLD		03.0 CR		-(ELECTIVE PASS/FAIL)
1	10.00	MT TH	H EC	102	VYVERBERG HENRY S
322C	ENG HIST-SINCE 1815		04.0 CR		
1	11.00	MT THF	H EC	202	CHERRY GEORGE L
332C	MEDIEVAL HISTORY		03.0 CR		
1	09.00	MT TH	0871	102	DOTSON JOHN EDWARD
333C	EUR HIST-20TH CENT		03.0 CR		
1	08.00	T THF	H EC	201	TENT JAMES
349C	INDEPENDENT AFRICA		03.0 CR		-(ELECTIVE PASS/FAIL)
1	02.00	MT TH	LS I	16	CHARLES EUNICE
352A	LATIN AMER-COLONIAL		03.0 CR		-(ELECTIVE PASS/FAIL)
1	03.00	T TH	H EC	120	WERLICH DAVID
	03.00	F	H EC	102	WERLICH DAVID
365A	HIST CHINESE CIVIL		03.0 CR		
	PREREQ 6 HRS OF 300-LEVEL SOC SCIENCE				
	OR CONSENT OF INSTR				
1	01.00	M W F	H EC	206	WU TIEN WEI
398	HISTORY HONORS		03.0 CR		
	PREREQ CONSENT OF DEPARTMENT				
1	07.00-10.00 PM	T	H EC	3	ODAY EDWARD J
401C	HIST OF SOUTH		03.0 CR		
1	10.00	T TH	H EC	118	MURPHY JAMES B
	10.00	F	H EC	206	MURPHY JAMES
403C	AMER ECONOMIC HIST		03.0 CR		
1	10.00	T TH	H EC	201	CONRAD DAVID
	10.00	W	H EC	102	CONRAD DAVID



405A	U.S. HIST 1850-1896	03.0	CR		
	PREREQ GSB 300B OR CONSENT OF INSTR				
1	11.00 M W F H EC	201		ADAMS GEORGE W	
405B	U.S. HIST 1850-1896	03.0	CR		
	PREREQ GSB 300B OR CONSENT OF INSTR				
1	09.00 M H EC	202		SIMON JOHN Y	
	09.00 T TH H EC	206		SIMON JOHN Y	
408B	PROB IN BLCK AM HIS	03.0	CR		
	PREREQ 6HRS 300 LEVEL SOC SCI OR				
	CONSENT OF INSTR				
1	11.00 M W F 0862	102		JAMES FELIX	
409C	US CONSTITUT HIST	03.0	CR	-(ELECTIVE PASS/FAIL)	
1	12.00 M WTH H EC	202		CARROTT MONTGOMERY B	
410	SPECIAL READINGS	02.0	TO 05.0	CR	
1	TO BE ARRANGED				
414C	INTELLECTUAL-EUROPE	03.0	CR	-(ELECTIVE PASS/FAIL)	
1	11.00 MT TH H EC	102		VYVERBERG HENRY S	
417C	ADV ENG HIST	03.0	CR	-(ELECTIVE PASS/FAIL)	
1	09.00 M W F AG	152		CHERRY GEORGE L	
425A	AMER COLONIAL HIST	03.0	CR		
1	02.00 M WTH H EC	102		BATINSKI MICHAEL C	
428	AGE OF JACKSON	03.0	CR	-(ELECTIVE PASS/FAIL)	
1	10.00 M WTH H EC	104		FLADELAND BETTY L	
434B	SOC-POL HIS MOD EUR	03.0	CR	-(ELECTIVE PASS/FAIL)	
	PREREQ GSB 100B				
1	01.00 T THF H EC	203		TENT JAMES	
435C	20TH CENT U.S. HIST	03.0	CR		
	PREREQ GSB 300C OR CONSENT OF INSTR				
1	03.00 MT TH H EC	203		ALLEN HOWARD W	
440C	AMER DIPL 1920-PRES	03.0	CR		
	PREREQ 6 HRS 300-LEVEL SOC SC OR CON-				
	SENT OF INSTR				
1	01.00 MT TH H EC	102		HOYT ROBERT	
442C	THE WEST-TRANS MISS	03.0	CR		
1	02.00 M W F H EC	104		CLIFFORD JOHN	
449B	ADV AFRICAN HISTORY	03.0	CR		
	PREREQ HIST 449A OR CONSENT OF INSTR				
1	12.00 MT TH H EC	102		CHARLES EUNICE	
460C	MEDIEVAL SOCIETY	03.0	CR	-(ELECTIVE PASS/FAIL)	
1	09.00 T THF H EC	120		SHELBY LON R	
	URBAN				
462	HIST- MODERN ITALY	03.0	CR	-(ELECTIVE PASS/FAIL)	
1	11.00 MT TH PULL	41		DOTSON JOHN	
465A	TRAD RUSSIA TO 1905	03.0	CR	-(ELECTIVE PASS/FAIL)	
1	09.00 M W F H EC	122		MCFARLIN HAROLD A	
466	HIST OF SCANDINAVIA	03.0	CR		
1	01.00 M W H EC	202		BARTON H ARNOLD	
	01.00 F H EC	102		BARTON H ARNOLD	
473B	20TH CENT CARIBBEAN	03.0	CR	-(ELECTIVE PASS/FAIL)	
1	10.00 M WTH H EC	122		GARDINER C HARVEY	
476	ANDEAN S AMERICA	03.0	CR	-(ELECTIVE PASS/FAIL)	
	PREREQ 6 HRS OF 300 LEVEL SOC SCI OR				
	CONSENT OF DEPT				
1	01.00 T THF H EC	202		WERLICH DAVID P	
500A	SEMINAR-AMER HIST	05.0	CR		
1	01.00-04.50 TH AG	218		MURPHY JAMES	
2	03.00-04.50 M W WHAM	212		ADAMS GEORGE W	
510	READINGS IN HISTORY	02.0	TO 12.0	CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
514	STUDIES ASIAN HIST	04.0	CR		
	PREREQ CONSENT OF DEPT				
1	02.00-04.50 W AG	218		WU TIEN WEI	
522A	SEM AMER ECON HIST	04.0	CR		
	PREREQ ECON 214 OR 215 OR CONSENT OF				
	INSTR				
1	02.00-03.50 T TH WHAM	301A		CONRAD DAVID	
575B	STUDIES-LATIN AMER	04.0	CR		
1	07.00-10.00 PM T WHAM	301A		GOLD ROBERT	

582	MEDIEVAL & REN HIST	04.0 CR	
1	06.00-09.00 PM TH WHAM 301A	BREHM DONALD	
590	MOD EUROPEAN HIST	04.0 CR	
	PREREQ GRAD STANDING OR PERMISSION OF DEPT		
1	06.00-09.00 PM M H EC	3 MCFARLIN HAROLD	
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
1	TO BE ARRANGED		

#### Home Economics (H EC)

306	HONORS SEMINAR	02.0 TO 06.0 CR
1	TO BE ARRANGED	
387	SPEC PROB-HONORS	02.0 TO 08.0 CR
1	TO BE ARRANGED	
388	RES & INVESTIGATION	02.0 TO 08.0 CR
1	TO BE ARRANGED	

#### Home Economics Education (HEED)

306	SEMINAR READINGS	02.0 CR	
1	02.00 T TH H EC	203 CARTER ROSE	
2	02.00 T H EC	203 CARTER ROSE	
	03.00 TH H EC	122	
3	02.00 T H EC	203 CARTER ROSE	
	04.00 TH H EC	206	
307	METHODS NON-TCH MAJ	03.0 CR	
1	03.00 M W F H EC	122 KEENAN DOROTHY M	
309B	METHODS OF TEACHING	03.0 CR	
	PREREQ 309A		
1	08.00 M W F H EC	122 KEENAN DOROTHY M	
310	EVAL AND ADULT EDUC	04.0 CR	
	PREREQ 309 AND S ED 352 CONCURRENTLY		
1	TO BE ARRANGED		EDDLEMAN EDNA J
313	SPECIAL PROBLEMS	02.0 TO 04.0 CR	
1	TO BE ARRANGED		
2	08.00-09.50 T TH H EC	122	
	TO BE ARRANGED		
	ABOVE SECTION TO BE TAKEN FOR 4 CR ONLY		
371	FIELD EXPERIENCE	06.0 CR	
	PREREQ 370		
1	TO BE ARRANGED		
414	H EC FOR ELEM TCHRS	04.0 CR	
1	05.45-09.15 M H EC	206 EDDLEMAN EDNA J	
481	READINGS	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTR AND CHAIRMAN OF DEPARTMENT		
1	TO BE ARRANGED		
510A	PRACTICUM IN SUPERV	01.0 TO 04.0 CR	
	PREREQ 510 OR EDAF 456 OR CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		CARTER ROSE M
525	COOP VOC-TECH ED	04.0 CR	
1	09.00-11.30 S TECH A	120 FULTS ANNA CAROL	
	CROSSLISTED WITH AG I, OE, SEC 525		
572	SPECIAL PROBLEMS	02.0 TO 05.0 CR	
1	TO BE ARRANGED		KEENAN DOROTHY M
573	SEM-RES IN HOME EC	01.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		CARTER ROSE M
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		FULTS ANNA CAROL
600	DISSERTATION	03.0 TO 16.0 CR	
1	TO BE ARRANGED		FULTS & KEENAN

## Interior Design (ID)

131	INTRO TO DESIGN			03.0	CR	
1	12.00-01.50	W F	H EC	302	GREENE NANCY DONAVE	
231B	BASIC INTERIOR DES			03.0	CR	
	PREREQ ID 231A					
1	10.00-11.50	T TH	H EC	302		
	10.00	M	H EC	304A		
300	DISPLAY&EXHIBITION			02.0 TO 04.0	CR	
	PREREQ 231A,B OR 131					
1	02.00-03.50	M W	H EC	302		
	ADDITIONAL HOURS TBA					
327	HOME FURNISH & INT			03.0	CR	
	PREREQ 131 OR EQUIV OR CONSENT OF INSTR					
1	03.00-04.50	T TH	H EC	304A	STEWART LUCY	
331	TEXTILE DESIGN			03.0	CR	
	PREREQ 231A OR EQUIV OR CONSENT OF INSTR					
1	08.00-09.50	T TH	H EC	302	GREENE NANCY DONAVE	
389	FURNITURE DESIGN			04.0	CR	
	PREREQ 381 OR CONSENT OF INSTR					
1	01.00-04.50	M W	H EC	304A		
2	01.00-04.50	T TH	H EC	302		
391A	INTERMEDIATE ID			05.0	CR	
	PREREQ ID 390					
1	01.00-04.50	M W	H EC	304		
391B	INTERMEDIATE ID			05.0	CR	
	PREREQ ID 391A					
1	08.00-11.50	M W	H EC	304A	STEWART LUCY	
2	08.00-11.50	T TH	H EC	304A	GREENE NANCY DONAVE	
396	SPECIAL PROBLEMS			02.0 TO 05.0	CR	
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					
481	READINGS			02.0 TO 04.0	CR	
	PREREQ CONSENT OF CHAIRMAN					
1	TO BE ARRANGED					STEWART LUCY
491	ADV INTERIOR DESIGN			04.0	CR	
	PREREQ CONSENT OF INSTR					
1	10.00-11.50	T TH	H EC	304		

## Industrial Technology (IT)

220	SURVEY-IND PROC			03.0	CR	
1	02.00	M W F	TECH D	148		
300A	PLASTIC PROCESS			04.0	CR	
	PREREQ GSA 101B					
1	08.00	M WTHF	TECH A	221		
	08.00-09.50	T	TECH D	148		
2	08.00	M WTHF	TECH A	221		
	01.00-02.50	T	TECH D	148		
3	08.00	M WTHF	TECH A	221		
	01.00-02.50	W	TECH D	148		
307	ANAL PROB IN TECH			05.0	CR	
	PREREQ MATH 111A, B					
1	12.00	MTWTHF	TECH A	208		
318	MATERIALS JOINING			03.0	CR	
1	11.00	M W	TECH A	221		
	08.00-09.50	TH	TECH D	148		
2	11.00	M W	TECH A	221		
	01.00-02.50	M	TECH D	148		
3	11.00	M W	TECH A	221		
	06.00-07.50 PM	T	TECH D	148		
319	INDUSTRIAL INTERN			03.0 TO 24.0	CR	
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					
340	NUMERICAL CONTROL			03.0	CR	
	PREREQ IT 325A & ET 102A					
1	11.00	T TH	TECH A	221		
	10.00-11.50	F	TECH D	148		



2	11.00	T TH	TECH A	221
	01.00-02.50	TH	TECH D	148
3	11.00	T TH	TECH A	221
	03.00-04.50	W	TECH D	148
358	MAT HAND&PL LAYOUT			05.0 CR
	PREREQ I T 317 & 325			
1	11.00	MTWTHF	TECH A	307
362	IND PACKAGING			03.0 CR
1	06.00-08.40 PM	T	TECH A	408
365	QUALITY CONTROL			04.0 CR
	PREREQ SR STANDING			
1	08.00-09.50	T TH	TECH A	307
369B	INDUSTRIAL DESIGN			04.0 CR
1	03.00	MTWTH	TECH A	420
375	PROD&INVENT CONTROL			04.0 CR
	PREREQ ENGR 222			
1	02.00	MT THF	TECH A	307
440	MANUFACTNG POLICY			04.0 CR
	PREREQ IT 358, 365, 375, 382 OR CONSEN NT			
1	09.00	M W F	TECH A	221
	10.00	W	TECH A	221
465A	INDUSTRIAL SAFETY			04.0 CR
	PREREQ SR STANDING			
1	06.00-07.50 PM	M W	TECH A	221
465B	INDUSTRIAL SAFETY			04.0 CR
	PREREQ SR STANDING			
1	10.00	MT THF	TECH A	221

#### Instructional Materials (IM)

401	INTRO TO CATALOGING			04.0 CR	
1	01.00-02.50	M W F	PULL	310	DALE DORIS CRUGER
405	LIB MAT FOR CHILD			04.0 CR	
	PREREQ OPEN TO JUNIORS WITH CONSENT OF INSTRUCTOR				
1	08.00	MTWTH	PULL	318	FLETCHER KATHLEEN G
406	ADOL LIB MATERIALS			04.0 CR	
	PREREQ OPEN TO JUNIORS WITH CONSENT OF INSTRUCTOR				
1	09.00	MTWTH	PULL	318	FLETCHER KATHLEEN G
407	BASIC REF SOURCES			04.0 CR	
1	12.00	MTWTH	PULL	318	COX DOROTHY J
413	CAT OF NON-BOOK MAT			04.0 CR	
	PREREQ IM 401				
1	05.45-07.25	M W	PULL	318	COX DOROTHY J
417	A-V METH IN EDUC			04.0 CR	
	PREREQ GUID 305				
1	08.00	MTWTH	PULL	316	
2	09.00	MTWTH	PULL	316	
3	10.00	MTWTH	PULL	316	
4	10.00	MTWTH	PULL	318	
5	11.00	MTWTH	PULL	316	
6	12.00	MTWTH	PULL	316	
7	01.00	MTWTH	PULL	316	
8	02.00	MTWTH	PULL	316	
9	03.00	MTWTH	PULL	316	
10	05.45-07.25	M W	PULL	316	
420	SCH LIB ACT-PRACT			04.0 CR	
	PREREQ 308, 403, 405, OR 406, 407				
1	11.00	MTWTH	PULL	318	FLETCHER KATHLEEN
440	PHOTOG FOR TEACHERS			04.0 CR	
1	11.00	M W	PULL	310	BUTTS GORDON K
445	PREP TEACH-MADE MAT			04.0 CR	
	PREREQ 417 OR CONSENT OF INSTRUCTOR				
1	01.00-02.50	MTWTH	PULL	307	JURGEMEYER FREDERICK
457	RAD TELEV IN CLRM			04.0 CR	
1	10.00	MTWTH	PULL	310	PLANINC CARL

523	SEMINAR-JR COL LIB		04.0 CR		
1	04.00-06.30	T	PULL	318	DALE DORIS CRUGER
545	COOP DESIGN OF IM		04.0 CR		
	PREREQ IM 417, 445				
1	08.00-09.50	MTWTH	PULL	307	JURGEMEYER FREDERICK
554	ADMIN INST MAT CEN		04.0 CR		
	PREREQ 403				
1	06.30-09.00 PM	W	PULL	310	WENDT PAUL R
560	SEMINAR IN IM		04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	06.30-09.00 PM	T	PULL	318	
570	PRACTICUM		04.0 TO 12.0 CR		
	PREREQ IM 417, 445, CONSENT OF DEPT				
1	TO BE ARRANGED				
576	PROB INST MAT		02.0 TO 08.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
599	THESIS		05.0 TO 09.0 CR		
1	TO BE ARRANGED				
600	DISSERTATION		01.0 TO 48.0 CR		
1	TO BE ARRANGED				BUTTS GORDON K

### Journalism (JRNL)

With the exception of JRNL 345, 346, and 370, admission to all JRNL courses must be approved by the School of Journalism.

300	THE NEWS		03.0 CR		
	PREREQ JRNL 345 346				
1	08.00-09.50	T TH	COMM	1250	GROTTA GERALD L
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ FOR REG				
2	11.00-12.50	T TH	COMM	1250	STONECIPHER HARRY W
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ FOR REG				
3	01.00-02.50	T TH	COMM	1250	MENDENHALL HARLAN H
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ FOR REG				
301	NEWSWRIT EDIT I		03.0 CR		
	PREREQ JRNL 300				
1	10.00	T	0871	101	GAMBILL JOEL T
	PLUS HRS TBA-CONSENT OF SCH OF JRNL DIR REQ FOR REG				
2	10.00	T	0871	101	GAMBILL JOEL T
	PLUS HRS TBA-CONSENT OF SCH OF JRNL DIR REQ FOR REG				
3	10.00	T	0871	101	GAMBILL JOEL T
	PLUS HRS TBA-CONSENT OF SCH OF JRNL DIR REQ FOR REG				
4	10.00	T	0871	101	GAMBILL JOEL T
	PLUS HRS TBA-CONSENT OF SCH OF JRNL DIR REQ FOR REG				
302	NEWSWRIT EDIT II		03.0 CR		
	PREREQ JRNL 300				
1	08.00	M W F	COMM	1248	WIGGINS ROBERT G
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ FOR REG				
2	11.00	T	COMM	1248	WIGGINS ROBERT G
	11.00-12.50	TH	COMM	1248	WIGGINS ROBERT G
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ FOR REG				
303	NEWS & EDIT III		03.0 CR		
	PREREQ JRNL 301 AND 302				
1	11.00	T	COMM	1021	HARMON WILLIAM M
	PLUS HRS TBA-CONSENT OF SCH OF JRNL DIR REQ FOR REG				
310A	RADIO & TV NEWS		03.0 CR		
	PREREQ JRNL 300, 301, 302 & 303				
1	08.00	M W F	COMM	1250	RIMERMAN MARVIN H

	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
310B	CABLE TV REPORTING			03.0 CR		
	PREREQ	JRNL 300,301,302,310A				
1	12.00	M W F	COMM	1250	RIMERMAN MARVIN H	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
330	EDITORIAL WRITING			03.0 CR		
	PREREQ	JRNL 303				
1	10.00	M W F	COMM	1248	STONECIPHER HARRY W	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
345	HIST OF JOURN			03.0 CR		
1	10.00	M W F	LAWSON	201	HART JIM ALLEE	
346	MASS MEDIA & MOD SOC			03.0 CR		
1	12.00	M W F	LAWSON	101	GROTTA GERALD	
349	PRACTICUM			02.0 CR		
	PREREQ	JRNL 390 OR 391				
1	TO BE ARRANGED				HARMON WILLIAM M	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
370	PRIN OF ADVERTISING			03.0 CR		
1	09.00	M W F	COMM	1022		
2	09.00	M W F	COMM	1022		
	ABOVE SECTION RESTR TO JRNL MAJORS					
3	01.00	M W F	0861	102		
4	01.00	M W F	0861	102		
	ABOVE SECTION RESTR TO JRNL MAJORS					
372	AD COPY LAYOUT PROD			05.0 CR		
	PREREQ	JRNL 373				
1	02.00	MTWTH	COMM	1213		
	03.00-04.50	TH	COMM	1213		
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
373	ADV MEDIA & MARKETS			03.0 CR		
	PREREQ	JRNL 374				
1	11.00	M W F	COMM	1213		
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
374	ADV POL AND PROBS			03.0 CR		
	PREREQ	JRNL 370				
1	09.00	M W F	COMM	1213		
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
376	ADVER CAMPAIGNS			04.0 CR		
	PREREQ	JRNL 372				
1	03.00-04.50	T F	COMM	1213		
	PLUS HRS TBA-CONSENT OF SCH OF JRNL DIR					
	REQ FOR REG					
383A	NP PROD MANAGEMENT			03.0 CR		
	PREREQ	CONCURRENT WITH JRNL 345 OR 346				
1	08.00	M W F	COMM	1213	CROW WENDELL C	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
2	11.00	M W F	COMM	1248	CROW WENDELL C	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
383B	NP PROD MANAGEMENT			03.0 CR		
	PREREQ	JRNL 383A				
1	09.00	M W F	COMM	1250	CROW WENDELL C	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
2	03.00	M W F	COMM	1250	BROWN GEORGE C	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ					
	FOR REG					
389	BASIC RES IN JRNL			03.0 CR		
	PREREQ	SENIOR STANDING				
1	10.00	M W F	COMM	1018	ATWOOD L ERWIN	



	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
390	ADVANCED REPORTING		03.0 CR		
	PREREQ JRNL 303				
1	11.00	M W F	COMM 1250	LAWHORNE CLIFTON O	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
391	FEATURE WRITING		03.0 CR		
	PREREQ JRNL 303				
1	09.00	M W F	COMM 1248	MENDENHALL HARLAN H	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
393	PUBLICITY METHODS		03.0 CR		
1	02.00	M W F	AG 188	WIGGINS ROBERT G	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
395	INTR-MASS COMM THEO		03.0 CR		
	PREREQ SENIOR STANDING				
1	01.00	M W F	COMM 1017	ATWOOD L ERWIN	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
397	SPECIAL PUBLICATION		03.0 CR		
	PREREQ JRNL 369				
1	01.00	M W F	COMM 1022	FORD JAMES L C	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
399	SENIOR SEMINAR		01.0 CR		
	PREREQ LAST QTR MAJORS				
1	01.00	T	WHAM 302	LONG H R	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
401	INTERNATIONAL JRNL		03.0 CR		
	PREREQ SENIOR STANDING				
1	02.00	M W F	COMM 1017	CHU GODWIN C	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
431	PUBLIC RELATIONS		03.0 CR		
	PREREQ SR STANDING-JRNL MAJORS ONLY				
1	12.00	M W F	COMM 1018		
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
433B	RES THEORY & DESIGN		04.0 CR		
	PREREQ JRNL 433A				
1	06.00-09.00 PM	W	COMM 2012	CHU GODWIN C	
	03.00-04.50	TH	COMM 2012	CHU GODWIN C	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
442	LAW OF JOURNALISM		03.0 CR		
	PREREQ SR STANDING -JRNL MAJORS ONLY				
1	02.00	M W F	COMM 1022	STONECIPHER HARRY W	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
445	SPECIALIZED WRITING		04.0 CR		
	PREREQ CONSENT OF INSTR				
1	10.00	M W F	COMM 1213	GROTTA GERALD L	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
450	MASS MEDIA MGT		03.0 CR		
	PREREQ JRNL 383A, 370 & GSB 211A OR EQ				
	UIV OR CONSENT OF INST				
1	01.00	M W F	COMM 1213	GROTTA GERALD L	
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
479	ROLE OF ADV IN SOC		03.0 CR		
1	09.00-10.50	TH	AG 188		
	APPROVAL OF DIRECTOR, SCHOOL OF JRNL REQ				
	FOR REG				
498	READINGS		01.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTR				

1	TO BE ARRANGED				LAWHORNE CLIFTON
	APPROVAL OF DIR-SCH OF JRNL REQ FOR REG-				
	NOT GRAD CR				
533	RESEARCH PROB-JRNL	01.0 TO 12.0 CR			
	PREREQ GRAD STANDING				
1	TO BE ARRANGED				BROWN GEORGE CURTIS
2	TO BE ARRANGED				BROWN GEORGE
540	PHIL OF JOURNALISM	03.0 CR			
1	08.00-09.50	TH	H EC	3	MOORE WILLIS
545	STUDIES IN JRNL HIS			03.0 CR	
1	06.00-09.00 PM	T	CL	326	HART JIM ALLEE
591	TOPICAL SEM IN COMM	01.0 TO 12.0 CR			
	PREREQ GRADUATE STATUS				
1	TO BE ARRANGED				
2	07.00-10.00 PM	W	COMM	1018	LAWHORNE CLIFTON O
595	GRADUATE SEMINAR			00.0 CR	
1	12.00	T	COMM	1018	BROWN GEORGE CURTIS
598	READINGS	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				BROWN GEORGE C
2	TO BE ARRANGED				BROWN GEORGE C
599	THESIS	01.0 TO 08.0 CR			
1	TO BE ARRANGED				BROWN GEORGE C
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED				BROWN GEORGE CURTIS

#### Liberal Arts and Sciences (LA S)

300	INDIV INTERDIS READ	01.0 TO 04.0 CR			
1	TO BE ARRANGED				
	ADVANCE APPROVAL BY DEAN REQUIRED				
301	INDIV INTERDISC RES	01.0 TO 04.0 CR			
1	TO BE ARRANGED				
	ADVANCE APPROVAL BY DEAN REQUIRED				
302	IND INTERDIS F STUD	01.0 TO 04.0 CR			
1	TO BE ARRANGED				
	ADVANCE APPROVAL BY DEAN REQUIRED				
303	INTERDISCIP STUDIES	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
	ADVANCE APPROVAL BY DEAN REQUIRED				

#### Linguistics (LING)

100C	ORAL ENG-FOREIGN ST	03.0 CR			
1	01.00	MTWTHF	WHAM	328	
408	TRANSFORM SYNTAX	04.0 CR			
	PREREQ LING 401A OR CONSENT OF INSTR				
1	09.00	MT THF	AG	144	CARRELL PATRICIA
410I	UNCOM LANG-VIET NAM	05.0 CR			
	PREREQ GSD 210G,H,I OR EQUIV				
1	10.00	MTWTHF	TECH B	20	PHAM THE HUNG
430	GRAMMATICAL STRUCT	04.0 CR			
	PREREQ LING 401A,B, OR EQUIV				
1	TO BE ARRANGED				
450	LANGUAGE FAMILIES	04.0 CR			
	PREREQ LING 401A OR EQUIV				
1	03.00	MT THF	AG	154	SILVERSTEN RAYMOND
497	READINGS IN LING	02.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR & UNDERGRAD STATUS				
1	TO BE ARRANGED				
501	CONTRASTIVE LING	04.0 CR			
	PREREQ LING 401B				
1	11.00	MT THF	BAILEY	130	KATRANIDES ARISTOTLE
2	02.00	MT THF	AG	168	KATRANIDES ARISTOTLE
505	GENERATIVE PHONOLOG	04.0 CR			
	PREREQ LING 405 & 408				
1	01.00	MT THF	CL	25	SILVERSTEIN RAYMOND

506B	HISTORICAL LING	04.0 CR			
	PREREQ LING 506A OR EQUIV				
1	09.00 M AG 220	KONNEKER BEVERLY			
	09.00 T THF AG 218				
508	ADV TRANSFORM SYN	04.0 CR			
	PREREQ LING 408				
1	10.00 MT THF FELTS 130	CARRELL PATRICIA			
530	HIST GRAM STRUCT	04.0 TO 12.0 CR			
	PREREQ LING 506A				
1	02.00-03.50 T TH PULL 41	KONNEKER BEVERLY			
572	PREP MAT IN EFL	03.0 CR			
	PREREQ LING 570, OR CONSENT OF INSTR				
1	11.00 MT TH AG 152	PARISH CHARLES			
581C	METH PRACT-ENGLISH	02.0 CR			
	PREREQ LING 570 OR CONCURRENT ENROLL				
1	01.00 MTWTH WHAM 328	PARISH CHARLES			
	01.00 F WHAM 307				
597	READINGS IN LING	02.0 TO 12.0 CR			
	PREREQ LING 401B OR EQUIV				
1	TO BE ARRANGED				
599	THESIS	02.0 TO 09.0 CR			
	PREREQ M.A. CANDIDACY				
1	TO BE ARRANGED	CARRELL PATRICIA L			

## Marketing (MKTG)

300	INTERNSHIP IN MKTG	04.0 CR	-(MANDATORY PASS/FAIL)		
	PREREQ PRIOR APPROVAL OF DEPARTMENT				
1	TO BE ARRANGED				
301	MKTG FUNDAMENTALS	04.0 CR			
	PREREQ ECON 214, ACCT 251A				
1	08.00 TWTHF CL 328	BERNACCHI MICHAEL D			
2	09.00 MTWTH AG 116	DANDURAND MARK			
3	10.00 MTWTH CL 328	MOORE JAMES R			
4	11.00 MTWTH CL 328	DANDURAND MARK			
5	01.00 MTWTH 0861 101	ADAMS KENDALL A			
6	03.00-04.50 M W WHAM 329	PERRY DONALD L			
7	05.45-07.25 T TH CL 109	BERNACCHI MICHAEL D			
303	BEHAVIOR SCI IN BUS	04.0 CR			
	PREREQ GSB 201B,C, GSD 110 OR EQUIV				
	OR CONSENT OF INSTR				
1	09.00 MTWTHF LAWSON 101	JAMES DONALD			
2	11.00 M W F LAWSON 121	VICARS WM			
	11.00 T TH LAWSON 131	VICARS WM			
341	TRANSPORTATION	04.0 CR			
	PREREQ ONE COURSE IN ECONOMIC PRINCIPLES				
1	08.00 MTWTH 0871 102	DANDURAND MARK A			
363	PROMOTIONAL CONCEPT	04.0 CR			
	PREREQ MKTG 301				
1	09.00 TWTHF 0861 101	SCHLEEDE JOHN			
2	11.00 TWTHF CL 24	SCHLEEDE JOHN			
3	01.00 TWTHF AG 144	SCHLEEDE JOHN			
390	MKTG RES & ANAL	04.0 CR			
	PREREQ MKTG 301, ONE COURSE IN STATISTICS				
1	10.00 TWTHF AG 148	BERNACCHI MICHAEL D			
2	01.00-02.50 T TH CL 326	LEGGETT JACK W			
401	PROB IN RETAILING	04.0 CR			
	PREREQ MKTG 363				
1	01.00-02.50 T TH PARK 111	JAMES DONALD L			
438	SALES MANAGEMENT	04.0 CR			
	PREREQ MKTG 363				
1	01.00-02.50 M W AG 116	PERRY DONALD			
450	INRO TO MGR MKTG	04.0 CR			
	PREREQ RESTRICTED TO GRADUATE STUDENTS				
1	TO BE ARRANGED				



463	ADVERTISING MANAG	04.0 CR	
	PREREQ MKTG 363, MKTG 390		
1	10.00-11.50 T TH AG	170	DOMMERMUTH WILLIAM P
493	MARKETING POLICIES	04.0 CR	
	PREREQ MKTG 363, 390, PLUS 4 HRS IN M		
	KTG		
1	10.00-11.50 W F CL	326	ADAMS KENDALLA
2	03.00-04.50 M W CL	326	
499	UNDERGRAD SEM-MKTG	04.0 CR	
	PREREQ BY INVITATION - 16 HOURS OF		
	MARKETING		
1	TO BE ARRANGED		

# Mathematics (MATH)

108	BASIC TRANS MATH	03.0 CR	
	PREREQ GSD 107		
1	08.00 M WTH	0862	101
2	09.00 M	TECH A	220
	09.00 T TH	TECH A	222
3	10.00 T THF	TECH A	410
4	11.00 MT TH	TECH A	420
5	01.00 THF	TECH A	410
	01.00 T	TECH A	208
6	02.00 MT TH	TECH A	322
7	03.00 T THF	TECH D	131
8	04.00 M W F	TECH A	210
9	06.00-07.25 PM T TH	NKRS C	116
10	07.35-09.00 PM T TH	NKRS C	116
111A	COL ALGEBRA TRIG	05.0 CR	
	PREREQ GSD 106 OR HS EQUIV		
1	09.00 MTWTHF	NKRS A	160
2	11.00 MTWTHF	NKRS C	116
3	12.00 MTWTHF	TECH A	220
4	01.00 MTWTHF	NKRS A	160
5	02.00 MTWTHF	NKRS C	218
6	03.00 MTWTHF	TECH A	210
7	06.00-07.25 PM M WTH	TECH A	220
111B	COL ALGEBRA TRIG	05.0 CR	
	PREREQ MATH 111A OR MATH 108		
1	08.00 MTWTHF	TECH A	320
2	08.00 MTWTHF	TECH A	420
3	09.00 MTWTHF	TECH A	408
4	10.00 MTWTHF	0862	101
5	11.00 MTWTHF	TECH A	308
6	12.00 MTWTHF	NKRS C	118
7	01.00 MTWTHF	NKRS A	156
8	02.00 MTWTHF	NKRS A	156
9	03.00 MTWTHF	TECH A	322
10	03.00 MTWTHF	NKRS C	118
11	06.00-07.25 PM M WTH	TECH A	308
140A	SHORT CRSE-CALCULUS	03.0 CR	
	PREREQ MATH 111A		
1	08.00 T	TECH A	222
	08.00 M TH	TECH A	220
2	10.00 T	TECH A	420
	10.00 M TH	TECH A	308
3	11.00 T TH	NKRS C	218
	11.00 F	NKRS A	156
4	02.00 T THF	TECH A	422
5	03.00 T THF	TECH A	408
6	04.00 M W F	TECH A	222
7	07.35-09.00 PM T TH	NKRS A	156
140B	SHORT CRSE CALCULUS	03.0 CR	
	PREREQ MATH 140A		
1	08.00 T THF	NKRS A	156
2	12.00 T THF	TECH A	422
3	04.00 M W F	NKRS A	160

150A	ELEM CALC-ANAL GEOM	05.0 CR	
	PREREQ MATH 111B		
1	09.00 MTWTHF	TECH A 322	
2	10.00 MTWTHF	TECH A 210	
3	11.00 MTWTHF	TECH A 222	
4	12.00 MTWTHF	TECH D 131	
5	01.00 MTWTHF	TECH A 220	
6	03.00 M W F	TECH A 310	
	03.00 T TH	TECH A 220	
7	06.00-07.25 PM M WTH	NKRS C 218	
150B	ELEM CALC-ANAL GEOM	05.0 CR	
	PREREQ MATH 150A		
1	08.00 MTWTHF	TECH A 210	
2	09.00 MTWTHF	0862 101	
3	12.00 MTWTHF	NKRS C 116	
4	02.00 MTWTHF	TECH A 220	
221	INTRO LINEAR ALGEBR	03.0 CR	
	PREREQ 150B		
1	10.00 T TH	TECH A 208	
	10.00 F	TECH A 420	
2	04.00 M W F	TECH A 320	
252A	INTER CALC-ANLY GEO	04.0 CR	
	PREREQ 150B OR 159B		
1	09.00 TWTHF	TECH A 220	
2	11.00 MTWTH	NKRS A 156	
3	02.00 MTWTH	TECH A 210	
252B	INTER CALC-ANLY GEO	03.0 CR	
	PREREQ 252A		
1	08.00 M W F	0834 114A	
2	12.00 TW F	0834 114A	
3	03.00 M WTH	TECH A 320	
301	FUNDAMENTAL CONCEPT	03.0 CR	
	PREREQ MATH 150B OR DEPT CONSENT		
1	04.00 M W F	NKRS A 156	
305B	MATH PHYS SCIENCES	03.0 CR	
	PREREQ MATH 305A		
1	10.00 M W F	NKRS A 156	
2	02.00 TW F	TECH A 420	
308	STRUCT- REAL NO SYS	03.0 CR	
	PREREQ 3 QTR HRS COLLEGE MATH		
1	08.00 M W F	0861 102	
2	10.00 T TH	NKRS A 156	
	10.00 M	TECH A 222	
3	12.00 MT TH	NKRS A 160	
309	INTUITIVE GEOMETRY	03.0 CR	
1	09.00 M W F	TECH A 222	
2	03.00 M TH	NKRS C 218	
	03.00 T	NKRS C 116	
311	TEACH SECONDRY MATH	04.0 CR	
	PREREQ MATH 319, 335A		
1	10.00 M W F	TECH A 408	PEDERSEN KATHERINE L
	01.00-02.50 T	TECH A 410	
2	10.00 M W F	TECH A 408	PEDERSEN KATHERINE L
	10.00-11.50 TH	TECH A 408	
319	INTR-ABSTRACT ALG	03.0 CR	
	PREREQ MATH 301 OR CONSENT OF DEPT		
1	10.00 M	NKRS C 218	
	10.00 T TH	NKRS A 160	
2	02.00 M WTH	NKRS C 116	
321	ELEM MATRIX ALGEBRA	03.0 CR	
	PREREQ MATH 140A OR 150A		
1	08.00 TW F	TECH A 220	
2	11.00 T	TECH A 322	
	11.00 W F	TECH A 420	
3	12.00 M WTH	NKRS C 218	
4	01.00 T THF	TECH A 308	
5	03.00 MT TH	TECH A 308	
6	04.00 M W F	NKRS C 116	
7	06.00-07.25 PM M W	NKRS C 118	

325	INTRO-NUMBER THEORY	03.0 CR
	PREREQ MATH 301 OR CONSENT OF DEPT	
1	03.00 TW F TECH A 222	
335B	CONCEPTS OF GEOM	03.0 CR
	PREREQ MATH 335A	
1	09.00 T THF NKRS A 156	
352	INTRO TO ANALYSIS	03.0 CR
	PREREQ MATH 301 OR CONSENT OF DEPT	
1	11.00 M W F TECH A 310	
395	READINGS IN MATH	02.0 TO 12.0 CR
	PREREQ 4.0 GPA IN MAJ & CONSENT OF CHAIRMAN	
1	TO BE ARRANGED	
400	HISTORY OF MATH	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 301 OR CONSENT OF INSTR	
1	12.00 T TH LAWSON 231	
	12.00 F LAWSON 221	
401	SET THEORY	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 301 OR CONSENT OF INSTR	
1	01.00 M WTH TECH A 208	
406	EIGENFUNCTION METH	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 305B, 221 OR CONSENT OF INSTR	
1	04.00 M W F NKRS A 278	
407	PARTIAL DIFF EQUA	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 305B, 351 OR CONSENT OF INSTR	
1	12.00 MT THF TECH A 122	
412	PROBABILITY MODELS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 410B OR CONSENT OF INSTR	
1	10.00 TW F TECH A 308	
419B	ALGEBRAIC STRUCTURE	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 419A	
1	02.00 M W F 0834 114	
421B	LINEAR ALGEBRA	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 421A	
1	09.00 M WTH TECH A 122	
425	THEORY OF NUMBERS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 325 OR CONSENT OF INSTR	
1	01.00 M W F 0834 114	
429	BOOLEAN ALGEBRA	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 428 OR CS 442	
1	02.00 M W F NKRS C 410	
	CROSSLISTED WITH CS 445	
435B	ELEM DIFF GEOM	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 435A	
1	10.00 M WTH TECH A 420	
451	INTRO-THEORY-COMP	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 428 & EITHER 429 OR CONSENT OF INSTR	
1	12.00 M W F NKRS C 410	
	CROSSLISTED WITH CS 451	
452C	ADVANCED CALCULUS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 452B	
1	09.00 MT THF 0834 114	
460	MODERN GEOMETRY	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 20 HRS COLLEGE MATH	
1	03.00 MTW F TECH A 122	
472	INTRO MATH PROGRAM	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 421A	
1	01.00 M W F NKRS A 458	
	CROSSLISTED WITH CS 472	
481	STOCHASTIC PROCESS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 480B	
1	10.00 M W F 0834 114	
488	MULTIVARIATE STAT	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 410B OR 483B	
1	12.00 M W F TECH A 120	



495	SPECIAL TOPICS	01.0 TO 10.0 CR-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF DEPT CHAIRMAN & INS	
	TR	
1	TO BE ARRANGED	
501C	REAL ANALYSIS	03.0 CR
	PREREQ MATH 501B	
1	01.00 M W F	0834 114A
502	ADV TOP ORD DIF EQ	03.0 TO 18.0 CR
	PREREQ CONSENT OF INSTRUCTOR	
1	10.00-11.50 T TH	0834 114
505C	TH ORDIN DIFF EQUAT	03.0 CR
	PREREQ MATH 505B	
1	09.00 M W F	0834 114A
520C	MODERN ALGEBRA	03.0 CR
	PREREQ MATH 520B	
1	02.00 M W F	0834 114A
525	ADV TOP NUMBER THEO	03.0 TO 18.0 CR
	PREREQ CONSENT OF INSTRUCTOR	
1	01.00-02.50 T TH	TECH B 20
530C	GENERAL TOPOLOGY	03.0 CR
	PREREQ 530B	
1	08.00 M W F	NKRS A 278
550D	SEM IN PROB & STAT	01.0 CR
	PREREQ CONSENT OF INSTR	
1	12.00 T	TECH B 20
550E	SEM IN MATH EDUC	01.0 CR
	PREREQ CONSENT OF INSTR	
1	11.00 TH	0834 114A
551C	FUNCTIONAL ANALYSIS	03.0 CR
	PREREQ MATH 551B	
1	01.00 M W F	TECH B 20
572A	NUMERICAL ANALY II	03.0 CR
	PREREQ CONSENT OF INSTR	
1	04.00 M W F	NKRS A 458
	CROSSLISTED WITH CS 564A	
580C	STATISTICAL THEORY	03.0 CR
	PREREQ MATH 580B	
1	10.00 M W F	0834 114A
595A	SP PROJ ALGEBRA	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595B	SP PROJ GEOMETRY	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595C	SP PROJ ANALYSIS	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595D	SP PROJ PROB & STAT	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595E	SP PROJ MATH EDUC	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595F	SP PROJ LOGIC & FOU	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595G	SP PROJ TOPOLOGY	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595H	SP PROJ AP MATH	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595I	SP PROJ DIF EQUAT	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595J	SP PROJ NUMBER THEO	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	

599	THESIS	01.0 TO 09.0 CR
1	TO BE ARRANGED	
600	DISSERTATION	01.0 TO 48.0 CR
1	TO BE ARRANGED	

### Microbiology (MICR)

302	GENERAL MICRO PREREQ 301	05.0 CR -(ELECTIVE PASS/FAIL)
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1	08.00	M W F	WHAM	105	MCCLARY DAN O
	09.00		LS I	6	
	09.00-10.50	M W F	LS I	6	
2	08.00	M W F	WHAM	105	MCCLARY DAN O
	11.00-12.50	M W F	LS I	6	
	01.00		LS I	6	
3	08.00	M W F	WHAM	105	MCCLARY DAN O
	01.00-02.50	M W F	LS I	6	
	02.00		LS I	6	
4	08.00	M W F	WHAM	105	MCCLARY DAN O
	03.00-04.50	M W F	LS I	6	
	03.00		LS I	6	
5	08.00	M W F	WHAM	105	MCCLARY DAN O
	09.00-10.50	T TH	LS I	6	
	10.00		LS I	6	

390	UNDERGRAD RES PART	02.0 TO 05.0 CR
	PREREQ 4.00 GPA IN MICR AND CONSENT OF DEPARTMENT	

1 TO BE ARRANGED

441	VIROLOGY LECTURE	03.0 CR -(ELECTIVE PASS/FAIL)
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PREREQ MICR 302

1	09.00	MTWTH	LS II	146	SHECHMEISTER ISAAC L
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442	VIROLOGY LABORATORY	03.0 CR
	PREREQ PREVIOUS OR CONCURRENT ENROLLMENT IN MICR 441-3	

1	01.00-03.50	T TH	LS II	113
2	01.00-03.50	T TH	LS II	113

500	SEMINAR	01.0 CR
	PREREQ CONSENT OF INSTRUCTOR	

1	04.00-06.00	MTWTHF	LS II	130
2	04.00-06.00	F	LS I	16

504	METH OF MICRO RES	05.0 CR
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1	11.00	TWTHF	LS II	130	OGUR MAURICE
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511	RESEARCH	01.0 TO 15.0 CR
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PREREQ CONSENT OF INSTRUCTOR

1	12.00	MTWTHF	LS II	130
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528	READINGS IN MICRO	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTRUCTOR	

1 TO BE ARRANGED

542	MOLECULAR VIROLOGY	03.0 CR
	PREREQ MICR 541	

1	12.00	MTW	LS I	16	ROUHANDEH HASSAN
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543	MOLECULAR VIR LAB	03.0 CR
	PREREQ MICRO 541	

1 TO BE ARRANGED

599	THESIS	03.0 TO 09.0 CR
	PREREQ CONSENT OF INSTRUCTOR	

1 TO BE ARRANGED

600	DISSERTATION	03.0 TO 48.0 CR
	PREREQ CONSENT OF INSTRUCTOR	

1 TO BE ARRANGED

### Music (MUS)

001B	SYMPHONIC BAND	01.0 CR
	PREREQ CONSENT OF INSTRUCTOR	

1	03.00-04.30	T TH	ALTG	114	KOENIGSTEIN NICHOLAS
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001C	STAGE BAND	01.0 CR
	PREREQ CONSENT OF INSTR	

1	07.00-09.00 PM	W	ALTG	114	FRANKLIN LAWRENCE L
2	07.00-09.00 PM	TH	ALTG	114	STIMAN HAROLD E
001D	LABORATORY BAND			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	07.00-09.00 PM	M	ALTG	114	HANES MICHAEL D
001E	WIND ENSEMBLE			01.0 CR	
	PREREQ	AUDITION			
1	03.00-04.30	M W	ALTG	114	SIENER MELVIN L
002A	UNIVERSITY CHOIR			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	04.00-05.30	T TH	ALTG	115	KINGSBURY ROBERT W
002B	UNIVERSITY SINGERS			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	07.30-09.45 PM	M	H EC	140B	KINGSBURY ROBERT W
	CLASS ALSO MEETS IN ALTG 115, 116				
002C	MALE GLEE CLUB			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	08.00-09.30 PM	T TH	ALTG	115	KINGSBURY ROBERT W
002D	WOMEN-CHORAL ENSEM			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	03.00	M W	ALTG	115	TAYLOR CHARLES C
	03.00	F	ALTG	116	TAYLOR CHARLES C
002E	ANGEL FLT ANGELAIRE			01.0 CR	
	PREREQ	MEMBERSHIP IN S.I.U. ANGEL FLIGHT			
1	07.30-09.00 PM	T TH	ALTG	248	TAYLOR CHARLES C
002F	SOUTHERN SINGERS			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	02.00	MT TH	ALTG	115	KINGSBURY ROBERT W
002G	SIU CHORALE			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	04.00-05.30	M W	ALTG	115	PRESSLEY
003	ORCHESTRA			02.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	07.00-09.45 PM	T	ALTG	114	STROUD JAMES H
	03.00-04.30	W	SHRY	111	STRAWN
	03.00-04.30	F	ALTG	114	STROUD JAMES H
010A	WED MTG FOR STRINGS AND FRI MTG FOR FULL CLASS APP-STRINGS			01.0 CR	
	PREREQ	CONC OR SEC CONC MUS,ELED,EARLY CHILDHOOD			
1	09.00	T TH	ALTG	301	POULOS HELEN E
	VN				
2	09.00	T TH	ALTG	114	STROUD JAMES H
	LOW STR				
010B	CLASS APP-WOODWINDS			01.0 CR	
	PREREQ	CONC OR SEC CONC MUS,ELED,EARLY CHILDHOOD			
1	08.00	T TH	0555	7	UNDERWOOD
	CLAR				
2	08.00	T TH	0555	207A	HUSSEY GEORGE A
	OBOE-BN				
3	08.00	T TH	ALTG	301	INTRAVAIA LAWRENCE J
	CLAR				
4	08.00	T TH	ALTG	301	GUALDONI
010C	CLASS APP-BRASS			01.0 CR	
	PREREQ	CONC OR SEC CONC MUS,ELED,EARLY CHILDHOOD			
1	10.00	T TH	0555	7	NADAF
	LOW BRASS				
2	10.00	T TH	ALTG	114	KOENIGSTEIN NICHOLAS
	MIXED				
010D	CLASS APP-PERCUSS			01.0 CR	
	PREREQ	CONC OR SEC CONC MUS,ELED,EARLY CHILDHOOD			
1	11.00	T TH	ALTG	114	HANES MICHAEL D
010E	CLASS APP-PIANO			01.0 CR	
	PREREQ	CONC OR SEC CONC MUS,ELED,EARLY CHILDHOOD			



1	09.00	T F	0555	201	FRAZEE MARJORIE A
	KP1				
2	09.00	M TH	0555	201	FRAZEE MARJORIE A
	KP3				
3	10.00	T F	0555	201	FRAZEE MARJORIE A
	KP2				
4	11.00	T TH	ALTG	301	HARTLINE ELISABETH D
	MM3				
5	11.00	W F	ALTG	301	HARTLINE ELISABETH D
	MM4				
6	11.00	M TH	0555	201	FRAZEE MARJORIE A
	KP3				
7	11.00	T F	0555	201	FRAZEE MARJORIE A
	KP2				
8	12.00	T TH	ALTG	301	HARTLINE ELISABETH D
	MM3				
9	12.00	W F	ALTG	301	HARTLINE ELISABETH D
	MM2				
10	01.00	T TH	ALTG	301	HARTLINE ELISABETH D
	MM6				
11	01.00	W F	ALTG	301	HARTLINE ELISABETH D
	MM5				
12	02.00	T TH	ALTG	301	HARTLINE ELISABETH D
	MM2				
13	02.00	W F	ALTG	301	HARTLINE ELISABETH D
	MM1				
14	03.00	T TH	ALTG	301	HARTLINE ELISABETH D
	MM3-MUS 010E RESTRICTED, SEE NOTE BELOW				
010F	CLASS APP-VOICE		01.0 CR		
	PREREQ CONC OR SEC CONC MUS,ELED,EARL Y CHILDHOOD				
1	01.00	T TH	ALTG	115	PRESSLEY
	MM1				
2	01.00	W F	0555	7	KAGEFF BURT KEITH
	MM2				
3	01.00	W F	ALTG	115	
	MM3				
010G	CLASS APP-GUITAR		01.0 CR		
	PREREQ CONC OR SEC CONC MUS,ELED,EARL Y CHILDHOOD				
1	10.00	W F	0555	7	TRAFIDLO GREG
2	12.00	M W	0555	7	TRAFIDLO GREG
3	12.00	T TH	0555	7	TRAFIDLO GREG
	MUS 010G RESTRICTED - SEE NOTE BELOW				
105B	THEORY OF MUSIC		04.0 CR		
	PREREQ MUS 105A				
1	08.00	MTWTHF	ALTG	116	MCWILLIAMS BERNARD
2	09.00	MTWTHF	ALTG	106	MUSSEY GEORGE
105C	THEORY OF MUSIC		04.0 CR		
	PREREQ MUS 105B				
1	08.00	MTWTHF	ALTG	106	BATEMAN MARY ANN
2	09.00	MTWTHF	ALTG	116	WERNER WARREN KENT
3	09.00	MTWTHF	ALTG	248	GRIZZELL MARY JANE
106	SURVEY OF MUS LIT		03.0 CR		
	PREREQ MAJOR/MINOR IN MUSIC				
1	01.00	M W F	ALTG	116	FLOYD SAMUEL
140A	PRIV APP MUS-VIOLIN		01.0 TO 04.0 CR		
	PREREQ MUS CONC OR SECONDARY CONC OR CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				POULOS HELEN E
	10.00	M	ALTG	106	POULOS HELEN E
2	TO BE ARRANGED				STRAWN RICHARD G
	10.00	M	ALTG	106	STRAWN RICHARD G
	MUS 140A,240A,340A,440A,540A RESTR-SEE NOTE BELOW				
140B	PRIV APP MUS-VIOLA		01.0 TO 04.0 CR		
	PREREQ MUS CONC OR SECONDARY CONC OR CONSENT OF MUS FACULTY				
1	TO BE ARRANGED				MCWILLIAMS
	10.00	M	ALTG	106	MCWILLIAMS BERNARD

MUS 140B,240B,340B,440B,540B RESTR-SEE  
NOTE BELOW

140C PRIV APP MUS-CELLO 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED  
10.00 M ALTG 106  
MUS 140C,240C,340C,440C,540C RESTR-SEE  
NOTE BELOW

140D PRIV APP MUS - BASS 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED  
10.00 M ALTG 106  
MUS 140D,240D,340D,440D,540D RESTR-SEE  
NOTE BELOW

140E PRIV APP MUS-FLUTE 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED  
10.00 M 0555 7  
MUS 140E,240E,340E,440E,540E RESTR-SEE  
NOTE BELOW

140F PRIV APP MUS-OBOE 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED  
10.00 M 0555 101  
MUS 140F,240F,340F,440F,540F RESTR-SEE  
NOTE BELOW

140G PRIV APP MUS-CLAR 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED  
10.00 M 0555 7  
2 TO BE ARRANGED  
10.00 M ALTG 301  
MUS 140G,240G,340G,440G,540G RESTR-SEE  
NOTE BELOW

140H PRIV APP MUS-BASSON 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED  
10.00 M ALTG 301  
MUS 140H,240H,340H,440H,540H RESTR-SEE  
NOTE BELOW

140I PRIV APP MUS-SAX 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED  
10.00 M 0555 101  
2 TO BE ARRANGED  
10.00 M ALTG 301  
MUS 140I,240I,340I,440I,540I RESTR-SEE  
NOTE BELOW

140J PRIV APP MUS-PERCUS 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED  
10.00 M ALTG 114  
MUS 140J,240J,340J,440J,540J RESTR-SEE  
NOTE BELOW

140K PRIV APP MUS-PIANO 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED  
10.00 M ALTG 247  
2 TO BE ARRANGED  
10.00 M 0555 4

STROUD JAMES H  
STROUD JAMES H

BRANCH LONDON G  
BRANCH LONDON G

UNDERWOOD  
UNDERWOOD JERVIS

HUSSEY GEORGE A  
HUSSEY GEORGE A

UNDERWOOD  
UNDERWOOD JERVIS  
INTRAVAIA LAWRENCE  
INTRAVAIA LAWRENCE J

INTRAVAIA LAWRENCE J  
INTRAVAIA LAWRENCE J

HUSSEY GEORGE A  
HUSSEY GEORGE A  
INTRAVAIA LAWRENCE J  
INTRAVAIA LAWRENCE J

HANES MICHAEL D  
HANES MICHAEL D

BARWICK STEVEN  
BARWICK STEVEN  
FRAZEE MARJORIE A  
FRAZEE MARJORIE A

3	TO BE ARRANGED				GRIZZELL MARY JANE
	10.00	M	ALTG	245	GRIZZELL MARY JANE
4	TO BE ARRANGED				MUELLER
	10.00	M	ALTG	244	MUELLER ROBERT
5	TO BE ARRANGED				WERNER WARREN KENT
	10.00	M	ALTG	238	WERNER WARREN KENT
6	TO BE ARRANGED				
	10.00	M	ALTG	244	
	MUS 140K,240K,340K,440K,540K RESTR-SEE				
	NOTE BELOW				
140L	PRIV APP MUS-F HORN	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE ARRANGED				NADAF GEORGE
	10.00	M	ALTG	102	NADAF GEORGE
	MUS 140L,240L,340L,440L,540L RESTR-SEE				
	NOTE BELOW				
140M	PRIV APP MUS-TRUMP	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE ARRANGED				FRANKLIN
	10.00	M	ALTG	116	FRANKLIN LARRY
2	TO BE ARRANGED				OLSSON PHILLIP H
	10.00	M	ALTG	116	OLSSON PHILLIP H
	MUS 140M,240M,340M,440M,540M RESTR-SEE				
	NOTE BELOW				
140N	PRIV APP MUS-TRBONE	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE ARRANGED				STIMAN HAROLD E
	10.00	M	ALTG	116	STIMAN HAROLD E
	MUS 140N,240N,340N,440N,540N RESTR-SEE				
	NOTE BELOW				
140O	PRIV APP MUS-TUBA	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE ARRANGED				STIMAN HAROLD E
	10.00	M	ALTG	116	STIMAN HAROLD E
	MUS 140O,240O,340O,440O,540O RESTR-SEE				
	NOTE BELOW				
140P	PRIV APP MUS-BATONE	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE ARRANGED				STIMAN HAROLD E
	10.00	M	ALTG	116	STIMAN HAROLD E
	MUS 140P,240P,340P,440P,540P RESTR-SEE				
	NOTE BELOW				
140Q	PRIV APP MUS-VOICE	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE ARRANGED				KAGEFF BURT KEITH
	10.00	M	ALTG	115	KAGEFF BURT KEITH
2	TO BE ARRANGED				PRESSLEY DAN NELSON
	10.00	M	ALTG	248	PRESSLEY DAN NELSON
3	TO BE ARRANGED				LAWRENCE MARJORIE
	10.00	M	ALTG	113	LAWRENCE MARJORIE
4	TO BE ARRANGED				WALLACE MARY ELAINE
	10.00	M	ALTG	246	WALLACE MARY ELAINE
5	TO BE ARRANGED				
	10.00	M	ALTG	115	
	MUS 140Q,240Q,340Q,440Q,540Q RESTR-SEE				
	NOTE BELOW				
140R	PRIV APP MUS-ORGAN	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	TO BE ARRANGED				BATEMAN MARY ANN
	10.00	M	SHRY	1	BATEMAN MARY ANN
	MUS 140R,240R,340R,440R,540R RESTR-SEE				



## NOTE BELOW

140S PRIV APP MUS-HARPC 01.0 TO 04.0 CR  
PREREQ MUS CONC OR SECONDARY CONC OR  
CONSENT OF MUS FACULTY

1 TO BE ARRANGED BOE  
10.00 M 0415 101 BOE  
MUS 140S,240S,340S,440S,540S RESTR-SEE  
NOTE BELOW

Students enrolling in MUS 010E, 010G, or the 140, 240, 340, 440, or 540 series must present a restricted class permit slip from the Music Advisor when registering. The "TO BE ARRANGED" meeting time of the MUS 140, 240, 340, 440, and 540 series refers to a half-hour individual lesson that each student will arrange with his instructor.

## 200 FUNDAMENTALS-MUSIC 03.0 CR

PREREQ FOR NON-MUSIC MAJORS

1	08.00	M W	ALTG	248	DAUGHERTY ELZA
	08.00	TH	0555	201	
2	08.00	M W	ALTG	248	DAUGHERTY
	08.00	F	0555	201	
3	10.00	W F	ALTG	248	DAUGHERTY
	10.00	M	0555	201	
4	10.00	W F	ALTG	248	DAUGHERTY
	10.00	TH	0555	201	DAUGHERTY
5	12.00	T TH	ALTG	248	PACE KAY
	12.00	M	0555	201	PACE KAY
6	12.00	T TH	ALTG	248	PACE KAY
	12.00	F	0555	201	PACE KAY
7	01.00	M W	ALTG	248	MEADOR MARILYN
	01.00	TH	0555	201	MEADOR MARILYN
8	01.00	M W	ALTG	248	MEADOR MARILYN
	01.00	F	0555	201	MEADOR MARILYN
9	02.00	T TH	ALTG	248	PACE KAY
	02.00	M	0555	201	PACE KAY
10	02.00	T TH	ALTG	248	PACE KAY
	02.00	F	0555	201	PACE KAY

## 205B THEORY OF MUSIC 04.0 CR

PREREQ MUS 205A

1	11.00	MTWTHF	ALTG	116	EDDINS
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## 205C THEORY OF MUSIC 04.0 CR

PREREQ MUS 205B

1	11.00	MTWTHF	ALTG	106	OLDFIELD WILLARD A
2	11.00	MTWTHF	ALTG	248	MUELLER

## 240 PRIV APP MUS 01.0 TO 04.0 CR

PREREQ 3 QTRS AT PREVIOUS LEVEL ON  
SAME INSTR OR CONSENT

See MUS 140 for listing.

## 300A EL MUS METH-MUS MAJ 03.0 CR

PREREQ MUS 105C

1	08.00	T THF	ALTG	248	MCHUGH CATHERINE
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## 300B EL METH-NON MAJ 4-6 03.0 CR

PREREQ MUS 200-3 OR EQUIV

1	12.00	M W F	ALTG	248	MCHUGH CATHERINE
2	01.00	T THF	ALTG	248	DAUGHERTY

## 300C EL METH-NON MAJ K-3 03.0 CR

PREREQ MUS 010E-3 OR EQUIV

1	02.00	M W F	ALTG	248	MCHUGH CATHERINE
2	03.00	M W F	ALTG	248	DAUGHERTY

## 312 COMPOSITION 02.0 TO 06.0 CR

PREREQ MUS 105C AND CONSENT OF INSTR

1	TO BE ARRANGED				OLDFIELD
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	12.00	W	0555	203	
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## 318A CONDUCTING 02.0 CR

1	01.00	T TH	ALTG	106	KOENIGSTEIN
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## 318B CONDUCTING 02.0 CR

PREREQ 318A

1	01.00	T TH	0555	7	STRAWN RICHARD G
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318C	CONDUCTING			02.0 CR	
	PREREQ	318A			
1	01.00	M W	ALTG	106	KINGSBURY
326C	ANALYSIS			02.0 CR	
	PREREQ	326B			
1	12.00	T TH	ALTG	116	MCWILLIAMS BERNARD
340	PRIV APP MUS			01.0 TO 04.0 CR	
	PREREQ	3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT			
See MUS 140 for listing.					
341	ACCOMPANYING LAB			01.0 TO 06.0 CR	
1	11.00	M	ALTG	301	PACE KAY
346	OPERA WORKSHOP			02.0 TO 36.0 CR	
1	03.00	T TH	ALTG	115	LAWRENCE MARJORIE
	03.00-04.50	F	ALTG	115	LAWRENCE MARJORIE
	07.00-10.00 PM	WTH	ALTG	116	LAWRENCE MARJORIE
357C	MUSIC HIST & LIT			03.0 CR	
	PREREQ	MUS 105C, 106, AND JR STANDING			
1	10.00	TWTHF	ALTG	116	POULOS HELEN E
2	02.00	MTWTH	ALTG	116	UNDERWOOD
365A	CHAMBER MUS-VOCAL			01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				KINGSBURY ROBERT W
2	TO BE ARRANGED				PRESSLEY DAN NELSON
365B	CHAMBER MUS-STRING			01.0 CR	
1	TO BE ARRANGED				STRAWN
365C	CHAMBER MUS-WOODWIND			01.0 CR	
1	09.00	M W F	0555	7	UNDERWOOD JERVIS
365D	CHAMBER MUS-BRASS			01.0 CR	
1	TO BE ARRANGED				FRANKLIN
	SMALL				
2	02.00	T TH	ALTG	114	NADAF GEORGE
	LARGE				
365E	CHAMBER MUS-PERCUSS			01.0 CR	
1	01.00	M W	ALTG	114	HANES MICHAEL D
365F	CHAMBER MUS-KEYBD			01.0 CR	
1	TO BE ARRANGED				GRIZZELL
370	AM FOLK MUSIC			03.0 CR	
1	03.00	M W F	LAWSON	131	EDDINS
411D	PIANO LITERATURE			03.0 CR	
	PREREQ	MUS 357A,B,C OR CONSENT OF INSTR			
1	12.00	M W F	ALTG	106	BARWICK STEVEN
414	COLLEGIUM MUSICUM			02.0 TO 06.0 CR	
	PREREQ	MUSIC CONCENTRATION AND/OR CONSENT OF DEPARTMENT			
1	01.00	T TH	0415	101	BOE JOHN M
	TWO ADDITIONAL MEETINGS TBA				
420	MUS EDUC PRACTICUM			01.0 TO 03.0 CR	
1	12.00	T TH	ALTG	106	KOENIGSTEIN NICHOLAS
440	PRIV APP MUS			01.0 TO 04.0 CR	
	PREREQ	3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT			
See MUS 140 for listing.					
441C	COUNTERPOINT			02.0 CR	
	PREREQ	441B			
1	02.00	M W	ALTG	106	WERNER WARREN KENT
444	INTERMEDIATE COMP			02.0 TO 06.0 CR	
	PREREQ	312 AND CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				OLDFIELD WILLARD A
	12.00	W	0555	203	
447B	ELECTRONIC MUSIC			03.0 CR	
	PREREQ	PERMISSION OF INSTR			
1	12.00	M	0555	203	OLDFIELD WILLIARD
	ADDITIONAL MEETING TBA				
462	TEACH TECH AND MAT			02.0 CR	
	PREREQ	461			

1	10.00	W F	ALTG	301	KAGEFF BURT KEITH
2	12.00	T TH	ALTG	115	GRIZZELL MARY JANE
481	READINGS IN THEORY	01.0 TO 06.0	CR		
1	TO BE ARRANGED				WERNER
482	READ IN HIST & LIT	01.0 TO 06.0	CR		
1	TO BE ARRANGED				POULOS
483	READ IN MUS EDUC	01.0 TO 06.0	CR		
1	TO BE ARRANGED				GORDON RODERICK D
499	INDEPENDENT STUDY	01.0 TO 12.0	CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				GORDON RODERICK D
502C	ANALYTIC TECHNIQUES	02.0	CR		
	PREREQ MUS 502B				
1	01.00	T TH	ALTG	116	MUELLER
504A	MEDIEVAL MUSIC	03.0	CR		
1	11.00	M W F	ALTG	115	BOE JOHN M
531	ADV COMPOSITION	02.0 TO 09.0	CR		
	PREREQ 444C AND CONSENT				
1	TO BE ARRANGED				OLDFIELD WILLARD A
540	PRIV APP MUS	01.0 TO 04.0	CR		
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT				

See MUS 140 for listing.

545	PEDAGOGY-MUS THEORY	03.0 TO 09.0	CR		
1	10.00	T THF	ALTG	106	MUELLER ROBERT
546	MUSICAL AESTHETICS	03.0	CR		
1	08.00	M W F	0555	7	FLOYD SAM
556	ADV CONDUCTING	02.0 TO 06.0	CR		
1	TO BE ARRANGED				STROUD JAMES H
560	SEM-MUS EDUC	02.0 TO 03.0	CR		
1	02.00	T THF	ALTG	106	GORDON RODERICK D
566	INST ENSEMBLE	01.0 TO 12.0	CR		
1	TO BE ARRANGED				SIENER MELVIN L
2	TO BE ARRANGED				STROUD JAMES H
567	VOCAL ENSEMBLE	01.0 TO 12.0	CR		
1	TO BE ARRANGED				KINGSBURY ROBERT W
568	OPERA WORKSHOP	02.0 TO 12.0	CR		
1	03.00	T TH	ALTG	115	LAWRENCE MARJORIE
	03.00-04.50	F	ALTG	115	LAWRENCE MARJORIE
	07.00-10.00 PM	WTH	ALTG	116	LAWRENCE MARJORIE
598	GRADUATE RECITAL	06.0	CR		
1	TO BE ARRANGED				GORDON RODERICK D
599	THESIS	03.0 TO 09.0	CR		
1	TO BE ARRANGED				GORDON RODERICK D

### Occupational Education (OE)

100	INTRO TO ENTERPRISE	04.0	CR		
1	03.00	M W	TECH D	130	BORTZ RICHARD F
	03.00-04.50	TH	TECH D	130	BORTZ RICHARD F
302	CONSTR MTDS PRI TCH	04.0	CR		
1	01.00-03.50	M W	PULL I	14	SHIELDS BILL J
	03.00	T	PULL I	14	SHIELDS BILL J
2	01.00-03.50	T TH	PULL I	14	SHIELDS BILL J
	03.00	W	PULL I	14	SHIELDS BILL J
303	DIVERSIFIED CRAFTS	04.0	CR		
1	08.00-10.50	M W	PULL I	14	JENKINS JAMES
	10.00	T	PULL I	14	JENKINS JAMES
2	08.00-10.50	T TH	PULL I	14	JENKINS JAMES
	10.00	W	PULL I	14	JENKINS JAMES
3	06.00-09.00 PM	T TH	PULL I	14	
305B	PROCESS ANALYSIS	04.0	CR		-(ELECTIVE PASS/FAIL)
1	08.00	T TH	PULL I	14B	BORTZ RICHARD F
	09.00-10.50	TH	PULL I	14B	BORTZ RICHARD F
310B	ELECTRONICS-INSTRUM	04.0	CR		-(ELECTIVE PASS/FAIL)
1	08.00	M W	PULL I	14	
	08.00-09.50	F	PULL I	14	



319	OCCUPAT INTERNSHIP	03.0 TO 24.0 CR			
1	TO BE ARRANGED				BITTLE RAYMOND
2	TO BE ARRANGED				BITTLE RAYMOND
3	TO BE ARRANGED				BITTLE RAYMOND
4	TO BE ARRANGED				BITTLE RAYMOND
5	TO BE ARRANGED				BITTLE RAYMOND
419	STU TCH IN OCC PROG	04.0 TO 16.0 CR			
	PREREQ OE 319-12, 490				
1	TO BE ARRANGED				HUCK JOHN F
420B	ENTRPRS-MAN-MACH SY	04.0 CR			
1	04.00 M W	PULL I 14			NYSTROM DENNIS C
	03.00-04.50 F	PULL I 14			NYSTROM DENNIS C
421	PRIN ENTRPRS TEACH	04.0 CR			
1	02.00 MTWTH	TECH D 130			ERICKSON JOHN H
425	PRACTICUM	02.0 TO 12.0 CR			
	PREREQ 20 HRS IN SPECIALTY				
1	TO BE ARRANGED				
430	SPECIAL PROBLEMS	02.0 TO 08.0 CR			
	PREREQ CONSENT OF INSTR AND CO-ORDINATOR				
1	TO BE ARRANGED				BAILEY LARRY J
488	ANAL FOR OCCUP ED	03.0 CR			
	PREREQ 12 HRS IN TEACHING SPECIALITY				
1	06.00-08.30 PM M	TECH A 320			
489	ORG OF SUBJ MATTER	03.0 CR			
	PREREQ OE 488				
1	09.00 M W F	TECH A 208			JENKINS JAMES JR
2	06.00-08.30 PM W	TECH A 208			JENKINS JAMES JR
490	PRIN OCCUP TEACH	03.0 CR			
	PREREQ 12 HRS IN TEACHING SPECIALITY				
1	10.00 M W F	TECH A 220			ERICKSON JOHN H
2	06.00-08.30 PM TH	TECH A 208			WEISMAN LAWRENCE
493	AV MEDIA FOR OCC ED	03.0 CR			
1	11.00 M W F	TECH D 130			SHIELDS BILL J
2	06.00-08.30 PM T	TECH D 130			SHIELDS BILL J
500A	LEG ORG & AD OCC ED	04.0 CR			
1	06.00-09.00 PM M	TECH A 208			NYSTROM DENNIS C
500B	LEG ORG & AD OCC ED	04.0 CR			
1	06.00-09.00 PM T	TECH A 122			NYSTROM DENNIS
502	EVAL-OCCUP ED PROG	04.0 CR			
1	06.00-09.00 PM TH	TECH A 122			WEISMAN LAWRENCE
525	COOP VOC-TECH ED	04.0 CR			
1	09.00-11.30 S	TECH A 120			SULLIVAN JAMES A
	CROSSLISTED WITH AG I HEED AND SEC 525				
541	OCCUP INFO AND GUID	04.0 CR			
1	06.00-09.00 PM TH	WHAM 206			RAMP WAYNE S
	CROSSLISTED WITH GUID 541				
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR			
1	TO BE ARRANGED				BAILEY LARRY J
580	SEMINAR	01.0 TO 09.0 CR			
1	06.00-08.30 PM M	TECH A 122			STADT R W
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				BAILEY LARRY J

### Philosophy (PHIL)

200	TYPES OF PHIL	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	12.00 MTWTH	H EC 206	AUDI MICHAEL N		
211C	ORIENTAL HUMANITIES	03.0 CR	-(ELECTIVE PASS/FAIL)		
1	02.00 M W F	H EC 203	LIU SHU-HSIEN		
320	DEDUCTIVE LOGIC	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	02.00 MTWTH	H EC 201	CLARKE DAVID S		
340	ETHICAL THEORIES	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	09.00 MTWTH	H EC 208	HOWIE JOHN		
355	PHILOSOPHY OF EDUC	04.0 CR	-(ELECTIVE PASS/FAIL)		
1	10.00 MTWTH	H EC 208	MOORE WILLIS		
	CROSSLISTED WITH EDAF 355 SECTION 5				
383	EARLY MODERN PHIL	03.0 CR	-(ELECTIVE PASS/FAIL)		
1	8.00 MT TH	LAWSON 121	EAMES E		

2	01.00	M W F	H EC	208	DIEFENBECK J A
3	02.00	M W F	H EC	208	KELLY MATTHEW
389	EXISTENTIAL PHIL			03.0 CR	-(ELECTIVE PASS/FAIL)
1	04.00-05.30	M W	H EC	201	FRONDIZI RISIERI
406	PHIL OF BIOLOGY			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	PHIL 300 320 & 3 LABS OR FIELD CRS IN BIO CONS OF INS			
1	10.00	MTWTH	H EC	206	PLOCHMANN GEORGE K
415	LOGIC OF SOCIAL SCI			03.0 CR	-(ELECTIVE PASS/FAIL)
1	11.00	M W F	H EC	203	MCCLURE GEORGE T
	CROSSLISTED WITH ANTH 415				
425	PHIL OF LANGUAGE			03.0 CR	-(ELECTIVE PASS/FAIL)
1	11.00	M	H EC	118	CLARKE DAVID S
	11.00	W F	H EC	206	CLARKE DAVID S
460	ADV PHIL OF ART			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSC 207 OR PHIL 360 & 6 COURSE S IN FINE ARTS			
1	07.00-09.30 PM	W	H EC	208	PLOCHMANN GEORGE K
473A	18TH CENTURY PHIL			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSC 383 OR CONSENT OF DEPT			
1	03.00	MTWTH	H EC	102	EAMES S MORRIS
474C	19TH CENTURY PHIL			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	306 OR CONSENT OF DEPT			
1	09.00	MTWTH	H EC	102	MITUSKOVIC BEN L
478	SEM LAT AM THOUGHT			04.0 CR	-(ELECTIVE PASS/FAIL)
1	07.00-09.30 PM	T	H EC	208	FRONDIZI RISIERI
482	RECENT EUROP PHIL			03.0 CR	-(ELECTIVE PASS/FAIL)
1	02.00	M W F	H EC	106	GILLAN GARTH J
490	SPECIAL PROBLEMS			02.0 TO 12.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	CONSENT OF INST REQ IN ALL CASES			
1	TO BE ARRANGED				HAHN LEWIS EDWIN
2	04.00-06.30	T	H EC	208	EAMES ELIZABETH
	PHILOS PERSPECTIVES ON WOMEN				
3	07.00-09.30 PM	W	H EC	211	KUPETZ STEVEN
	MYSTICISM- EAST AND WEST				
4	07.00-09.30 PM	TH	H EC	120	MCKENZIE WILLIAM R
	PRE-SOCRATICS-4CR-CONSENT OF INSTR NOT REQUIRED				
497C	HONORS			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	4978			
1	04.00-06.30	M	H EC	120	KUPETZ STEVEN
	ABOVE SECTION-YOGA PHILOSOPHY				
540	PHIL OF JOURNALISM			04.0 CR	
1	08.00-09.50	TH	H EC	211	MOORE WILLIS
570	AMERICAN IDEALISM			04.0 CR	
1	07.00-09.30 PM	T	H EC	211	HOWIE JOHN
577C	DEWEY			04.0 CR	
1	07.00	PM M	H EC	208	EAMES S MORRIS
587	HEGAL			04.0 CR	
1	04.00-06.30	M	H EC	208	DIEFENBECK J A
590	GEN GRAD SEMINAR			02.0 TO 16.0 CR	
1	TO BE ARRANGED				HAHN LEWIS
	ABOVE SECTION RESTR TO CONSENT OF INSTR				
2	04.00-05.30	W F	H EC	208	LEYS WAYNE
	SANTAYANA				
3	04.00-06.30	T	PULL	118	GILLAN
	ABOVE SECTION-PHENOMINOLOGY & PSYCHO- ANALYSIS				
591	READINGS IN PHIL			01.0 TO 05.0 CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				HAHN LEWIS EDWIN
599	THESIS			02.0 TO 09.0 CR	
1	TO BE ARRANGED				HAHN LEWIS EDWIN
600	DISSERTATION			03.0 TO 48.0 CR	
1	TO BE ARRANGED				HAHN LEWIS EDWIN

# Physical Education for Men (PEM)

See GSE for elective Physical Education courses.

100A	M	TEACH SWIMMING		02.0	CR		
1		08.00-09.30	M W	PULL P	61	CARROLL PETER	
		08.00	T	TECH A	408		
100B	M	TEACH GOLF		01.0	CR		
1		09.00	M W	ARENA	555		
100C	M	TEACH TENNIS		01.0	CR		
1		09.00	T	TENNIS	100		
		09.00	TH	ARENA	123		
100D	M	TCH IND-TEAM ACT		01.0	CR		
1		08.00-09.50	F	ARENA	123	WILKINSON JAMES	
100E	M	TCH BASIC RHYTHMS		01.0	CR		
1		01.00	M W	ARENA	555		
100F	M	TEACH EXERCISE		02.0	CR		
1		12.00	M W	ARENA	555		
		12.00	F	ARENA	123		
100G	M	TEACH FOOTBALL		02.0	CR		
1		08.00	MTWTH	ARENA	555		
100H	M	TEACH BASKETBALL		02.0	CR		
1		02.00	MTW F	ARENA	555		
100I	M	TEACH BASEBALL		02.0	CR		
1		12.00-01.50	M W	ARENA	123		
100J	M	TEACH TRACK-FIELD		02.0	CR		
1		12.00	T TH	ARENA	555		
172		VARSITY TRACK		02.0	CR		
1		03.00	MTWTHF	STAD	18	HARTZOG LEWIS B	
173		VARSITY TENNIS		02.0	CR		
1		03.00	MTWTHF	TENNIS	100	LEFEVRE JOHN R	
175		VARSITY BASEBALL		02.0	CR		
1		03.00	MTWTHF	ARENA	555	JONES RICHARD C	
176		VARSITY GOLF		02.0	CR		
1		03.00	MTWTHF	ARENA	555	HOLDER LYNN C	
213		STAGE MOVEMENT		03.0	CR		
1		TO BE ARRANGED					
		SEE PEW FOR REGISTRATION					
220		REC ACT OUTDOOR		01.0	CR		
1		08.00	M W	ARENA	121		
221		REC ACT INDOOR		01.0	CR		
1		08.00	T TH	ARENA	121		
230A		BEGIN TECH BALLET		02.0	CR		
1		TO BE ARRANGED					
		SEE PEW FOR REGISTRATION					
230B		INTERMED&ADV BALLET		02.0 TO 22.0	CR		
		PREREQ PEM 230A OR CONSENT OF INSTR					
1		TO BE ARRANGED					
		SEE PEW FOR REGISTRATION					
303A		KINESIOLOGY		03.0	CR		
		PREREQ GSA 101A, PHSL 300, GSA 301					
1		11.00	M W	ARENA	125	GOOD LARRY	
		11.00-12.50	TH	TECH A	405	GOOD LARRY	
303B		KINESIOLOGY		03.0	CR		
		PREREQ PEM 303A					
1		10.00	M W F	ARENA	125	GOOD LARRY	
305		PE-ATYPICAL STUDENT		03.0	CR		
		PREREQ PHSL 300					
1		10.00	T TH	ARENA	125		
		ABOVE SECTION ONE HOUTBA					
315		SCUBA DIVING		02.0	CR		
		PREREQ GSE 101B OR CONSENT OF INSTR					
1		10.00-11.30	M W F	PULL P	61	CARROLL PETER	
		10.00	T TH	TECH A	405		
		ABOVE SECTION FIELD TRIPS TBA					
318		WATER SAFETY INSTR		01.0	CR		
		PREREQ CURRENT SR LIFESAVING CERTIFIC					
		ATION					
1		TO BE ARRANGED				ILLNER JULEE	
		SEE PEW FOR REGISTRATION					



320	PHSL MUSCULAR ACT		04.0 CR		
	PREREQ GSA 301				
1	01.00	M WTH	ARENA 125	ACKERMAN KENNETH J	
	01.00-02.50	T	TECH A 405	ACKERMAN KENNETH J	
330B	THEO FOOTBALL COACH		02.0 CR		
	PREREQ PEM 100G				
1	09.00	MTW	ARENA 123		
	MEETS FIRST NINE WKS ONLY				
331D	TH WRESTLING COACH		02.0 CR		
	PREREQ 100M				
1	07.00-08.50 PM	M	ARENA 121		
341	PRIN OF P E		03.0 CR		
	PREREQ SENIOR STANDING				
1	03.00	M W F	ARENA 125		
350	M-M TEACH PE EL SCH		03.0 CR		
1	09.00	MTWTH	ARENA 125		
354	ORG-ADM PHY ED-ATHL		03.0 CR		
1	02.00	M W F	ARENA 125		
355	ASSISTING TECH		02.0 CR		
1	11.00	F	ARENA 125	WILKINSON JAMES J	
	ONE ADDITIONAL HOUR TBA				
370	TESTS MEAS PHY ED		04.0 CR		
1	08.00	MTW	ARENA 125		
	08.00-09.50	F	TECH A 405		
376	CARE-PREV ATH INJ		03.0 CR		
	PREREQ PHSL 300				
1	12.00	MTWTH	ARENA 125	SPACKMAN ROBERT R JR	
416	THEORIES OF DANCE		04.0 CR		
1	TO BE ARRANGED				
	SEE PEW FOR REGISTRATION				
475A	IND RES-DANCE	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 475A				
475B	IND RES-KINESIOLOGY	02.0 TO 04.0 CR			
1	TO BE ARRANGED			THORPE JOANNE LEE	
	CROSSLISTED WITH PEW 475B				
475C	IND RES-MEASUREMENT	02.0 TO 04.0 CR			
1	TO BE ARRANGED			WEST CHARLOTTE	
	CROSSLISTED WITH PEW 475C				
475D	IND RES-MOTOR DEVEL	02.0 TO 04.0 CR			
1	TO BE ARRANGED			POTTER MARJORIE BOND	
	CROSSLISTED WITH PEW 475D				
475E	IND RES-PHSL OF EX	02.0 TO 04.0 CR			
1	TO BE ARRANGED			KNOWLTON RONALD G	
	CROSSLISTED WITH PEW 475E				
475F	IND RES-HIST & PHIL	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
	CROSSLISTED WITH PEW 475F				
501	CURRICULUM IN PE		04.0 CR		
1	11.00	MTWTH	GYM 204		
	CROSSLISTED WITH PEW 501				
503	SEMINAR IN P E		04.0 CR		
1	07.00-09.50 PM	T	ARENA 125	SHEA EDWARD J	
	CROSSLISTED WITH PEW 503				
504	RESEARCH PROJECTS		04.0 CR		
	PREREQ 500 OR EQUIV				
1	TO BE ARRANGED			WILKINSON JAMES J	
508	ADMIN INTER ATHLETC		04.0 CR		
1	07.00-09.50 PM	TH	ARENA 125	STOTLAR	
	CROSSLISTED WITH PEW 508				
515	BODY COMPOSITION		04.0 CR		
	PREREQ PEM 420 OR EQUIV				
1	07.00-09.50 PM	W	ARENA 125	KNOWLTON RONALD G	
	CROSSLISTED WITH PEW 515				
525	READING IN P E	01.0 TO 06.0 CR			
1	TO BE ARRANGED			SHEA EDWARD J	
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED			SHEA EDWARD J	
600	DISSERTATION	02.0 TO 48.0 CR			
1	TO BE ARRANGED			KNOWLTON RONALD G	

# Physical Education for Women (PEW)

See GSE for elective Physical Education courses.

115G	ACTIVITY- GOLF			01.0 CR	
1	02.00-03.30	M W	GYM	207	
115H	BEGIN CONTEMP DANCE			01.0 CR	
1	09.00	M W F	GYM	207	LOGAN MOIRA
2	11.00	M W F	GYM	207	LOGAN MOIRA
115K	ACTIVITY- SOFTBALL			01.0 CR	
1	09.00-10.30	T TH	GYM	207	BRECHTELSBAUER KAY
2	11.00-12.30	T TH	GYM	207	BRECHTELSBAUER KAY
115L	ACTIVITY-INTER SWIM			01.0 CR	
	PREREQ BEGINNING SWIMMING				
1	01.00	M W F	PULL P	61	
2	02.00	M W F	PULL P	61	
115M	ACTIVITY- TENNIS			01.0 CR	
1	01.00-02.30	M W	GYM	208	COTTEN SARAH ELLEN
209	RHYTHMIC ANALYSIS			02.0 CR	
	PREREQ PEW 115F, & PEW 115H				
1	10.00	W F	GYM	204	DAVIES DOROTHY R
213	STAGE MOVEMENT			03.0 CR	
1	12.00	MTWTHF	PULL	42	LOGAN MOIRA
	CROSSLISTED WITH PEM AND THEA 213				
230A	BEGIN TECH BALLET			02.0 CR	
1	03.00-04.30	MTWTH	GYM	206	
	CROSSLISTED WITH PEM AND THEA 230A				
230B	INTERMED&ADV BALLET			02.0 TO 22.0 CR	
	PREREQ PEW 230A OR CONSENT OF INSTR				
1	04.00-05.30	MTWTH	GYM	206	
	CROSSLISTED WITH PEM AND THEA 230B				
240	THEO-TECH CONT DNCE			02.0 TO 24.0 CR	
1	10.00-11.30	TWTHF	PULL	42	GORDON L J
	CROSSLISTED WITH PEM AND THEA 240				
302	TEACHING PRACTICUM			01.0 CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				BLACKMAN CLAUDIA
303	KINESIOLOGY			04.0 CR	
	PREREQ ANATOMY				
1	09.00	MTWTH	GYM	204	THORPE JOANNE LEE
304E	METHOD-TEACH SPORTS			02.0 CR	
	PREREQ PEW 115M				
1	10.00-11.30	T TH	GYM	207	POTTER MARJORIE BOND
318	WATER SAFETY INSTR			01.0 CR	
	PREREQ CURRENT SR LIFESAVING CERTI- FICATION				
1	03.00-04.50	T TH	PULL P	61	ILLNER JULEE
319	TCHG ELEM SCH ACT			04.0 CR	
	PREREQ PSYC 301 OR GUID 305				
1	08.00	M W	H EC	201	
	08.00	T TH	H EC	118	
2	09.00	TWTHF	PULL	102	
	ABOVE SECT EARLY CHILDHOOD MAJORS				
3	10.00	TWTHF	PULL	102	
4	11.00	TWTHF	PULL	102	
	ABOVE SECT RESTR TO SP ED MAJORS				
5	02.00	MTWTH	GYM	208	
6	04.00-05.50	T TH	H EC	118	
350	TEACH PE IN EL SCH			04.0 CR	
1	08.00	MTWTH	GYM	207	
2	12.00	MTWTH	GYM	208	
353	ORGAN & ADMIN OF PE			04.0 CR	
	PREREQ PEW 354				
1	01.00	MTWTH	GYM	204	
355	METHOD-TEACH SWIM			03.0 TO 04.0 CR	
	PREREQ PEW 115L				
1	03.00	M W F	PULL P	61	
379	PRECLASS DANCE FORM			03.0 CR	
	PREREQ PEW 230 OR 240				
1	02.00	MT TH	PULL	42	LOGAN MOIRA
	CROSSLISTED WITH THEA 397				

416	THEORIES OF DANCE	04.0 CR			
1	01.00 MTWTH PULL	42	GORDON L J		
	CROSSLISTED WITH PEM AND THEA 416				
475A	IND RES-DANCE	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
475B	IND RES-KINESIOLOGY	02.0 TO 04.0 CR			
1	TO BE ARRANGED		THORPE JOANNE LEE		
475C	IND RES-MEASUREMENT	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
475D	IND RES-MOTOR DEVEL	02.0 TO 04.0 CR			
1	TO BE ARRANGED		POTTER MARJORIE BOND		
475E	IND RES-PHSL OF EX	02.0 TO 04.0 CR			
1	TO BE ARRANGED		KNOWLTON RONALD G		
475F	IND RES-HIST & PHIL	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
501	CURRICULUM IN P E	04.0 CR			
1	11.00 MTWTH GYM	204	DAVIES DOROTHY R		
	CROSSLISTED WITH PEM 501				
503	SEMINAR IN P E	04.0 CR			
1	07.00-09.50 PM T	ARENA 125	SHEA EDWARD J		
	CROSSLISTED WITH PEM 503				
508	ADMIN INTER ATHLETC	04.0 CR			
1	07.00-09.50 PM TH	ARENA 125			
	CROSSLISTED WITH PEM 508				
515	BODY COMPOSITION	04.0 CR			
	PREREQ PEW 420 OR EQUIV				
1	07.00-09.50 PM W	ARENA 125	KNOWLTON RONALD G		
	CROSSLISTED WITH PEM 515				
525	READINGS	01.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR AND DEPT CHAIRMAN				
1	TO BE ARRANGED		THORPE JOANNE LEE		
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED		THORPE JOANNE LEE		
600	DISSERTATION	02.0 TO 48.0 CR			
1	TO BE ARRANGED				

### Physics (PHYS)

111C	COLLEGE PHYS-HONORS	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ PHYS 111B				
1	02.00 TWTH	PARK 308	ZIMMERMAN J R		
	02.00 M	PARK 308			
2	02.00 TWTH	PARK 308	ZIMMERMAN J R		
	02.00 F	PARK 308	ZIMMERMAN J R		
112C	COLLEGE PHYS LAB	01.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ CONCURRENT ENR IN PHYS 111				
1	01.00-03.50 M	NKRS C 407			
2	06.00-08.50 PM M	NKRS C 407			
206A	COLLEGE PHYSICS	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ MATH 111B				
1	08.00 M W F	PARK 309	CUTNELL JOHN D		
	08.00 T	PARK 309	VERMANI SATYENDRA		
2	08.00 M W F	PARK 309	CUTNELL JOHN D		
3	11.00 M W F	PARK 309	CUTNELL JOHN D		
	11.00 T	PARK 309	KANELLOPOULOS C D		
4	11.00 M W F	PARK 309	CUTNELL JOHN D		
	11.00 TH	PARK 309			
5	01.00 M W F	PARK 309	GRUBER BRUNO J		
	01.00 T	PARK 309	HICKEY RONALDE		
6	01.00 M W F	PARK 309	GRUBER BRUNO J		
	01.00 TH	PARK 309			
206B	COLLEGE PHYSICS	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ PHYS 206A				
1	10.00 M W F	PARK 308	FOGLIO MARIO E		
	10.00 T	PARK 308	BOSE SUBIR K		
2	10.00 M W F	PARK 308	BOSE SUBIR K		
	10.00 TH	PARK 308	HIGHTOWER KENNETH R		
3	02.00 M W F	PARK 309	FOGLIO MARIO E		
	02.00 T	PARK 309			



4	02.00		M W F	PARK	309	FOGLIO MARIO E
	02.00		TH	PARK	309	FOGLIO MARIO E
206C	COLLEGE PHYSICS			03.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	PHYS 206A				
1	08.00		M W F	PARK	308	BORST WALTER L
	11.00		T	PARK	308	SOMOLINOS ALFREDO S
2	08.00		M W F	PARK	308	BORST WALTER L
	08.00		TH	PARK	308	
3	11.00		M W F	PARK	308	CUTNELL JOHN D
	11.00		TH	PARK	308	
4	11.00		M W F	PARK	308	CUTNELL JOHN D
	11.00		T	PARK	308	SOMOLINOS ALFREDO S
5	01.00		M W F	PARK	308	JOHNSON KENNETH W
	01.00		TH	PARK	308	RABOLT JOHN F
6	01.00		M W F	PARK	308	JOHNSON KENNETH W
	01.00		T	PARK	308	FOGLIO MARIO E
7	06.00-07.25	PM	M W	PARK	308	HIGHTOWER KENNETH W
	06.00	PM	T	PARK	308	HIGHTOWER KENNETH W
8	06.00-07.25	PM	M W	PARK	309	
	06.00	PM	T	PARK	309	
207A	COLLEGE PHYS LAB			01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	CONCURRENT ENR IN	PHYS 206			
1	08.00-10.50		TH	NKRS C	403	
2	08.00-10.50		T	NKRS C	403	
3	08.00-10.50		W	NKRS C	403	
4	11.00-01.50		TH	NKRS C	403	
5	11.00-01.50		T	NKRS C	403	
6	02.00-04.50		TH	NKRS C	403	IMAMI MAHMOOD
7	06.00-08.50	PM	TH	NKRS C	403	ASSAADI KHALIL ALI
207B	COLLEGE PHYS LAB			01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	CONCURRENT ENR IN	PHYS 206			
1	03.00-05.50		T	NKRS C	405	SAMUEL M THOMAS
2	03.00-05.50		TH	NKRS C	405	ASSAADI KHALILALI
3	06.00-08.50	PM	T	NKRS C	405	
207C	COLLEGE PHYS LAB			01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	CONCURRENT ENR IN	PHYS 206			
1	08.00-10.50		TH	NKRS C	407	HO FAT DUEN
2	08.00-10.50		T	NKRS C	407	GUTIERREZ PETER L
3	08.00-10.50		W	NKRS C	407	
4	08.00-10.50		TH	NKRS C	405	
5	11.00-01.50		T	NKRS C	407	WATSON PHILIP C
6	11.00-01.50		TH	NKRS C	407	
7	02.00-04.50		TH	NKRS C	407	
8	02.00-04.50		W	NKRS C	405	
9	06.00-08.50	PM	T	NKRS C	407	CHANDRASEKHAR H S
10	06.00-08.50	PM	TH	NKRS C	407	
211A	UNIVERSITY PHYSICS			03.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	MATH 150B OR CONC	ENROLLMENT			
1	09.00		M W F	PARK	309	BORST WALTER L
	09.00		T	PARK	309	BORST WALTER L
2	09.00		M W F	PARK	309	BORST WALTER L
	09.00		TH	PARK	309	BORST WALTER L
3	10.00		M W F	PARK	309	NICKLE HARRY H
	10.00		T	PARK	309	HENNEBERGER W C
211B	UNIVERSITY PHYSICS			03.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	PHYS 211A				
1	09.00		M W F	PARK	308	HENNEBERGER W C
	09.00		T	PARK	308	HENNEBERGER W C
2	09.00		M W F	PARK	308	HENNEBERGER W C
	09.00		TH	PARK	308	HENNEBERGER W C
211C	UNIVERSITY PHYSICS			03.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	PHYS 211A				
1	12.00		M W F	PARK	308	NICKELL WM E
	12.00		T	PARK	308	
2	12.00		M W F	PARK	308	NICKELL WM E
	12.00		TH	PARK	308	NICKELL WM E
3	03.00		M W F	PARK	308	PEARSON EDWIN F
	03.00		T	PARK	308	
4	03.00		M W F	PARK	308	PEARSON EDWIN F
	03.00		TH	PARK	308	

212A	UNIVERSITY PHYS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENRL IN PHYS 211	
1	02.00-04.50 W NKRS C 403	
2	03.00-05.50 T NKRS C 403	VERMANI SATYENDRA K
3	06.00-08.50 PM T NKRS C 403	SOMOLINOS ALFREDO S
212B	UNIVERSITY PHYS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENRL IN PHYS 211	
1	11.00-01.50 T NKRS C 405	RABOLT JOHN F
2	11.00-01.50 TH NKRS C 405	RABOLT JOHN F
3	06.00-08.50 PM TH NKRS C 405	
212C	UNIVERSITY PHYS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENRL IN PHYS 211	
1	09.00-11.50 M NKRS C 407	TRUEBLOOD MAX B
2	11.00-01.50 W NKRS C 407	
3	02.00-04.50 W NKRS C 407	CHANDRASEKHAR H S
4	03.00-05.50 T NKRS C 407	HO FAT-DUEN
5	06.00-08.50 PM W NKRS C 407	HO FAT DUEN
300	INTRO MODERN PHYS	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 111 OR 206 OR 211	
1	03.00 MT F NKRS A 156	SCHLECT RICHARD G
	04.00 T NKRS A 156	MARSHALL LAURISTON
	03.00-05.50 W NKRS C 404	WATSON PHILIP C
2	03.00 MT F NKRS A 156	SCHLECT RICHARD G
	04.00 T NKRS A 156	MARSHALL LAURISTON
	03.00-05.50 TH NKRS C 404	WATSON PHILIP C
3	03.00 MT F NKRS A 156	SCHLECT RICHARD G
	04.00 T NKRS A 156	MARSHALL LAURISTON
	08.00-10.50 TH NKRS C 404	MCCORMICK RODNEY V
301	MECHANICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 305A OR CONS INSTR & PHYS	
	111A OR 206A OR 211A	
1	11.00 M W F PARK 204	BEERS BRIAN L
302	ASTRONOMY - HONORS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 150B & ONE-A101A, PHYS	
	111A, 206A, 211A OR CONS	
1	03.00 M W F NKRS C 410	BEERS BRIAN L
307	ELEC MEAS	02.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 305B OR CONCURRENT ENR IN	
	PHYS 305B	
1	02.00-04.50 T TH NKRS C 406	CARRELL JOHN CRAIG
312	ELEC CIRC LAB	02.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 309 OR CONC ENROLLMENT	
1	08.00-10.50 T TH NKRS C 406	PEARSON EDWIN F
404B	PHYSICAL ELECTRONIC	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 404A	
1	01.00 M W F NKRS C 410	ZITTER ROBERT N
405	ELECTRONICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 305 AND 309 OR CONSENT OF	
	INSTR	
1	10.00 M W F TECH A 122	WATSON RICHARD E
410B	INTRO TO EM WAVE TH	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 410A	
1	11.00 M W F 0834 114A	SCHLECHT RICHARD G
415A	MODERN PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 455C, PHYS 301&305B, OR	
	CONSENT OF INSTR	
1	03.00 M W F NKRS A 458	BORST WALTER L
415D	MODERN PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 455C, PHYS 301&305B, OR	
	CONSENT OF INSTR	
1	09.00 M W F NKRS A 458	
418	MOD PHYSICS LAB	01.0 TO 04.0 CR-(ELECTIVE PASS/FAIL)
1	TO BE ARRANGED	PEARSON EDWIN F
420	SPECIAL PROJECTS I	02.0 TO 05.0 CR-(ELECTIVE PASS/FAIL)
	PREREQ PHYS 301 AND 305	
1	TO BE ARRANGED	
510C	CLASSICAL MECHANICS	03.0 CR
	PREREQ PHYS 510B	
1	09.00 M W F NKRS C 410	ZITTER ROBERT N

511C	MATH METH OF PHYS			03.0 CR	
	PREREQ	MATH 455C OR EQUIV OR CONSENT OF INSTR			
1	01.00	M W F	NKRS A	278	FOGLIO MARIO E
520	SPECIAL PROJECTS			02.0 TO 05.0 CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
530C	ELECTROMAG THEORY			03.0 CR	
	PREREQ	PHYS 530B			
1	10.00	M W F	NKRS A	458	JOHNSON KENNETH W
531C	QUANTUM MECHANICS			03.0 CR	
	PREREQ	MATH 455C, PHYS 415 OR CONSENT OF INSTR			
1	11.00	M W F	NKRS A	458	BOSE SUBIR K
550C	AT AND MOL SPECTRA			03.0 CR	
	PREREQ	PHYS 550B			
1	08.00	M W F	NKRS C	410	GRUBER BRUNO J
560C	STAT MECHANICS			03.0 CR	
	PREREQ	PHYS 560B			
1	12.00	M W F	NKRS A	458	HUANG HUEY WEN
570C	SOLID STATE PHYS			03.0 CR	
	PREREQ	PHYS 570B			
1	10.00	MT F	NKRS C	410	
575	GRAD SEMINAR			01.0 TO 04.0 CR	
1	08.00-09.50	T TH	NKRS C	410	
580	SEL TOPICS PHYS			03.0 TO 06.0 CR	
1	01.00	M W F	PARK	301	
592	COLLOQUY IN MOL SCI			01.0 CR	
1	04.00-05.50	M	NKRS B	440	HENNEBERGER W C
597	SPEC TOPICS-MOL SCI			03.0 TO 45.0 CR	
	PREREQ	ADMISSION TO MOL SCI DOCTORAL PROG & CONSENT OF INST			
1	TO BE ARRANGED				NICKLE HARRY H
598	SPEC PROJ-MOL SCI			03.0 TO 25.0 CR	
	PREREQ	ADMISSION TO MOL SCI DOCTORAL PROG & CONSENT OF INST			
1	TO BE ARRANGED				
599	THESIS			01.0 TO 09.0 CR	
1	10.00	T TH	NKRS C	410	
600	DISSERTATION			01.0 TO 48.0 CR	
	PREREQ	ADMISSION TO ADVANCED STUDY IN MOLECULAR SCIENCE			
1	03.00-04.50	T TH	NKRS C	410	

### Physiology (PHSL)

300	HUMAN ANATOMY			04.0 CR	
1	01.00	MTWTH	LS I	16	STACY RALPH
300B	HUMAN ANATOMY			05.0 CR	
1	11.00	MTWTH	LS I	16	FOOTE FLORENCE
	08.00-09.50	F	LS I	130	
2	11.00	MTWTH	LS I	16	FOOTE FLORENCE
	10.00-11.50	F	LS I	130	
3	11.00	MTWTH	LS I	16	FOOTE FLORENCE
	08.00-09.50	S	LS I	130	
4	11.00	MTWTH	LS I	16	FOOTE FLORENCE
	12.00-01.50	F	LS I	130	
	RESTRICTED TO NURSING STUDENTS				
410C	ADVANCED ANATOMY			05.0 CR	
	PREREQ	CONSENT OF INSTR			
1	02.00-03.50	M WTHF	LS I	130	FOOTE FLORENCE
415B	EXP ANIMAL SURGERY			04.0 CR	
1	10.00-11.50	M W F	LS I	118	KAPLAN HAROLD M
417B	PRIN PHARMACOLOGY			04.0 CR	
	PREREQ	PHSL 417A			
1	08.00	M W F	LS II	146	GASS GEORGE H
	08.00-09.50	T	LS II	158	
2	08.00	M W F	LS II	146	GASS GEORGE H
	10.00-11.50	TH	LS II	158	



430C	CELLULAR PHYSIOLOGY	03.0 CR				
1	11.00 M W F LS II	146	DUNAGAN TOMMY TOLSON			
430D	CELLULAR PHYSIOLOGY	03.0 CR				
1	01.00-04.50 T LS II	176	DUNAGAN TOMMY T			
450	SPECIAL PROBLEMS	01.0 TO 16.0 CR				
	PREREQ CONSENT OF DEPARTMENT					
1	TO BE ARRANGED					
460C	MAMMALIAN PHSL	05.0 CR				
	PREREQ ADEQUATE BIOSCIENCES, CHEM					
1	08.00 M W F LS I	113	KAPLAN HAROLD M			
	08.00-09.50 T TH LS I	113				
2	08.00 M W F LS I	113	KAPLAN HAROLD M			
	09.00-10.50 M W LS I	113				
465C	BIOPHYSICS	03.0 CR				
	PREREQ PHSL 465B					
1	09.00 M W F LS II	243	RICHARDSON ALFRED W			
471C	BIOPHYS INST	03.0 CR				
	PREREQ PHSL 471B					
1	10.00 T THF LS II	243	RICHARDSON ALFRED W			
500	ADV SEMINAR	01.0 TO 09.0 CR				
1	TO BE ARRANGED		SOLLBERGER ARNE			
521	PHYSIOLOGY READINGS	01.0 TO 06.0 CR				
	PREREQ CONSENT OF DEPT					
1	TO BE ARRANGED					
540B	ADV COMPAR PHYSIOL	04.0 CR				
	PREREQ PHSL 540A					
1	01.00 M W F LS II	146	MILLER DONALD M			
	02.00-03.50 T LS II	158				
550	RADIATION BIOLOGY	03.0 CR				
	PREREQ GEN PHYSICS AND BIOCHEM OR EQUIV					
1	08.00 T TH LS II	130	DUNAGAN TOMMY TOLSON			
	02.00-03.50 TH LS II	176	DUNAGAN TOMMY TOLSON			
560	SPECIAL RESEARCH	02.0 TO 12.0 CR				
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					
565	BIOPHYSICS	03.0 CR				
	PREREQ 1 YR OF PHYSICS					
1	09.00 M W F LS II	243	RICHARDSON ALFRED W			
599	THESIS	03.0 TO 09.0 CR				
1	TO BE ARRANGED					
600	DISSERTATION	04.0 TO 09.0 CR				
1	TO BE ARRANGED					

### Presidents Scholars (PR S)

251B	HONORS SEMINAR	01.0 TO 12.0 CR				
1	01.00-03.50 TH PULL	318	BREHM			
	ABOVE SECTION-THE GREAT CIVILIZATIONS					
351A	HONORS SEMINAR	03.0 CR				
1	09.00-10.30 T TH NKRS A	458	ARNOLD RICHARD			
351B	HONORS SEMINAR	03.0 CR				
1	02.00-03.30 M W H EC	3	WHITEHEAD FREDERICK			
	STUDY OF REVOLUTIONARY MOVEMENTS FROM 1871 TO PRESENT					
2	07.00-08.30 PM T TH H EC	122	MITCHELL MARION			
	SOCIOLOGICAL & CULTURAL BACKGROUND OF SO ILL					
351C	HONORS SEMINAR	03.0 CR				
1	10.00-11.30 T TH LAWSON	201	ANDERSON			
	THEME OF DEATH IN WESTERN LIT					
2	06.30-09.30 PM W COMM	1122	DAVIS ROBERT			
	MOTION PICT-A SOC HIST-FILM VIEWING T TH 9-10:50					
399	HONORS PROJECT	02.0 TO 15.0 CR				
	PREREQ CONSENT OF PR S PROGRAM					
1	TO BE ARRANGED					
2	TO BE ARRANGED					

499 UNDERGRAD HON THES 03.0 TO 09.0 CR  
 PREREQ APPROVAL OF PRES SCHOL PROG &  
 DEPTS CONCERNED  
 1 TO BE ARRANGED

# Plant Industries (PL I)

301	SOIL SCIENCE		05.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSA 101B		
1	11.00	M WTHF AG	214 SATCHELL DONALD P
	01.00-02.50	T AG	167 SATCHELL DONALD P
2	11.00	M WTHF AG	214 SATCHELL DONALD P
	08.00-09.50	W AG	167 SATCHELL DONALD P
3	11.00	M WTHF AG	214 SATCHELL DONALD P
	08.00-09.50	F AG	167 SATCHELL DONALD P
304A	LANDSCAPE DESIGN		03.0 CR -(ELECTIVE PASS/FAIL)
1	01.00	M W F NKRS B	240 COORTS GERALD D
304B	LANDSCAPE DES LAB		02.0 CR
	PREREQ PL I 304A OR CONCURRENT ENROLL		
	MENT		
1	01.00-02.50	T TH AG	195 COORTS GERALD D
2	03.00-04.50	T TH AG	195 COORTS GERALD D
309	FIELD CROP PROD		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSA 201B		
1	09.00	M W F AG	166 STUCKY DONALD
	08.00-09.50	T AG	171 STUCKY DONALD
2	09.00	M W F AG	166 STUCKY DONALD
	10.00-11.50	TH AG	171 STUCKY DONALD
347	GARDEN FLOWERS		03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSA 201B OR CONSENT OF DEPT		
1	08.00	M F AG	170 COORTS GERALD D
	08.00-09.50	W AG	181 COORTS GERALD D
359	INTERN PROGRAM		03.0 TO 05.0 CR
	PREREQ JR STANDING		
1	TO BE ARRANGED		HILLYER IRVIN G
381	PLANT SCIENCE SEM		01.0 TO 02.0 CR
	PREREQ SENIOR STANDING		
1	04.00	T AG	168 HILLYER IRVIN GEORGE
390	SPEC STUD PLANTS		01.0 TO 06.0 CR
	PREREQ CONSENT OF DEPT CHAIRMAN		
1	TO BE ARRANGED		HILLYER IRVIN G
391	HONORS IN PLANT IND		01.0 TO 06.0 CR
	PREREQ JR STAND, 4.0 GPA-4.25 IN MAJ		
	-& CONSENT OF DEPT		
1	TO BE ARRANGED		HILLYER IRVIN G
402	SOIL MORPH & CLASS		04.0 CR
	PREREQ PL I 301		
1	03.00	M W F AG	170 SATCHELL DONALD P
	03.00-04.50	TH AG	167 SATCHELL DONALD P
407A	SOIL FERTILITY		03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ ONE COURSE IN SOILS		
1	08.00	M W F AG	168 VARSA EDWARD C
407B	SOIL FERTILITY-LAB		02.0 CR
	PREREQ PL I 407A OR CONSENT OF DEPT		
1	08.00-10.50	T AG	167 VARSA EDWARD C
2	08.00-10.50	TH AG	167 VARSA EDWARD C
415	PLANT BREEDING		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ ANY COURSE IN GENETICS		
1	02.00	M W F AG	181 KANG MANJIT
	01.00-02.50	T AG	181 KANG MANJIT
418	WEEDS-THEIR CONTROL		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSA 201B OR CONCURRENT		
	ENROLLMENT		
1	01.00	M W AG	166 TWEEDY JAMES A
	01.00	T AG	170 TWEEDY JAMES A
	08.00-09.50	TH AG	171 TWEEDY JAMES A
2	01.00	M W AG	166 TWEEDY JAMES A
	02.00	T AG	170 TWEEDY JAMES A
	12.00-01.50	TH AG	171 TWEEDY JAMES A

3	01.00	M W	AG	166	TWEEDY JAMES A
	03.00	T	AG	170	TWEEDY JAMES A
	03.00-04.50	TH	AG	171	TWEEDY JAMES A
419	FORAGE CROP MANAGE			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSA 2018	OR EQUIVALENT		
1	11.00	M W F	AG	168	ELKINS DONALD M
	01.00-02.50	T	AG	171	ELKINS DONALD M
2	11.00	M W F	AG	168	ELKINS DONALD M
	10.00-11.50	T	AG	171	ELKINS DONALD M
437	COMMERCIAL VEG PROD			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	PL I 264	OR CONSENT OF DEPT		
1	10.00	M W F	AG	170	HILLYER IRVIN GEORGE
	10.00-11.50	TH	AG	181	HILLYER IRVIN GEORGE
520	READINGS			01.0 TO 06.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				HILLYER IRVIN G
575	RESEARCH			01.0 TO 06.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				HILLYER IRVIN G
588	INTERNAT GRAD STUDY			01.0 TO 12.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				HILLYER IRVIN G
590	SPEC STUDIES-PL I			01.0 TO 04.0 CR	
1	TO BE ARRANGED				HILLYER IRVIN G
599	THESIS			01.0 TO 09.0 CR	
1	TO BE ARRANGED				HILLYER IRVIN G

### Psychology (PSYC)

101	DEV EFFECT RELATION			04.0 CR	
1	01.00	F	WHAM	308	BUCK TERENCE
	10.00-11.50	M W	0603	19	
	ABOVE SECTION RESTR TO MALES				
2	01.00	F	WHAM	308	BUCK TERENCE
	10.00-11.50	M W	LS II	226	
	ABOVE SECTION RESTR TO FEMALES				
3	01.00	F	WHAM	308	BUCK TERENCE
	10.00-11.50	T TH	0603	19	
	ABOVE SECTION RESTR TO MALES				
4	01.00	F	WHAM	308	BUCK TERENCE
	10.00-11.50	T TH	LS II	226	
	ABOVE SECTION RESTR TO FEMALES				
5	01.00	F	WHAM	308	BUCK TERENCE
	01.00-02.50	M W	0603	19	
	ABOVE SECTION RESTR TO MALES				
6	01.00	F	WHAM	308	BUCK TERENCE
	01.00-02.50	M W	LS II	2110	
	ABOVE SECTION RESTR TO FEMALES				
7	01.00	F	WHAM	308	BUCK TERENCE
	01.00-02.50	T TH	0603	19	
	ABOVE SECTION RESTR TO MALES				
8	01.00	F	WHAM	308	BUCK TERENCE
	01.00-02.50	T TH	LS II	2110	
	ABOVE SECTION RESTR TO FEMALES				
9	01.00	F	WHAM	308	BUCK TERENCE
	03.00-04.50	M W	0603	19	
	ABOVE SECTION RESTR TO MALES				
10	01.00	F	WHAM	308	BUCK TERENCE
	03.00-04.50	M W	LS II	2110	
	ABOVE SECTION RESTR TO FEMALES				

PSYCH 101 - discussion meetings: 0603-19 is the Counseling Office in Washington Square A, room 19.

211A	PRIN-METH OF PSYC			04.0 CR	
	PREREQ	GSA 202			
1	08.00	M W F	LS I	16	SCHMECK RONALD R
	08.00-09.50	T	AG	170	
2	08.00	M W F	LS I	16	SCHMECK RONALD R
	08.00-09.50	TH	LS II	250	



3	03.00	M W F	LS I	205	RADTKE ROBERT
	03.00-04.50	TH	LS I	205	
4	03.00	M W F	LS I	205	RADTKE ROBERT
	03.00-04.50	T	LS I	205	
211B	PRIN-METH OF PSYC			04.0 CR	
	PREREQ PSYC 211A				
1	09.00	M THF	WHAM	302	BARRY DON
	08.00-09.50	T	LS II	250	
2	09.00	M THF	WHAM	302	BARRY DON
	08.00-09.50	W	WHAM	205	
3	01.00	M WTH	AG	170	HOWERTON LYNN
	01.00-02.50	T	LS II	224	HOWERTON LYNN
295	UNDERGRAD SEMINAR			04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
1	09.00-10.50	M W	0720	101	VOLLMER WILLIAM
	SECT 1 RESTRICTED TO INSTRUCTORS WRIT				
	TEN CONSENT				
2	11.00-12.50	M	0720	101	VOLLMER WILLIAM
	11.00-12.50	W	0721	101	
	SECT 2 RESTRICTED TO INSTRUCTORS WRIT				
	TEN CONSENT				
301	CHILD PSYCH			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 202				
1	08.00	M WTHF	LS I	205	SOMERVILL JOHN
2	08.00-09.50	W	LAWSON	221	WENDT RACHEL
	08.00-09.50	F	LAWSON	201	
	ABOVE SECTION RESTR TO PSYC MAJORS				
3	01.00-02.50	M TH	PULL	34	MOLFESE DENNIS
	ABOVE SECTION RESTR TO PSYC MAJORS				
4	03.00-04.50	T TH	WHAM	302	ODONNELL JAMES P
	ABOVE SECTION RESTR TO PSYC MAJORS				
303	ADOLESCENT PSYCH			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 202				
1	09.00-10.50	M W	LS I	205	MOLFESE VICTORIA
2	01.00-02.50	M W	LS I	205	WENDT RACHAEL
305	PSYCH PERSONALITY			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 202				
1	09.00-10.50	T TH	PULL	34	RASCHE LOIS
2	10.00-11.50	W F	PULL	34	DEPUE RICHARD
	ABOVE SECTION RESTR TO PSYC MAJORS				
3	12.00	MTWTH	WHAM	302	MAJKA GEORGE
4	03.00	MTWTH	AG	214	ROLLO HARGER C
307	SOCIAL PSYCHOLOGY			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 202				
1	10.00	TWTHF	AG	166	MCNEEL STEVEN
2	01.00	M WTHF	WHAM	302	MCNEEL STEVEN P
	ABOVE SECTION RESTR TO PSYC MAJORS				
311	EXP PSYCH LEARN			04.0 CR	
	PREREQ PSYC 211B				
1	11.00	TW F	AG	148	SCHMECK RONALD R
	10.00-11.50	M	LS II	69	
2	04.00	M WTH	LS II	228	MCHOSE JAMES HAYDEN
	03.00-04.50	T	LS II	69	
314	EXP PSYC - PHSL			04.0 CR	
	PREREQ GSB202 & GSA301, NOT TAKE CONC				
	URRENTLY WITH GSA302				
1	11.00	M W F	LS II	250	IRWIN DONALD A
	10.00-11.50	TH	LS II	69	
315	EXP PSYC-COG PROCES			04.0 CR	
	PREREQ PSYC 211B				
1	01.00	M WTH	LS II	130	PITZ GORDON F
	01.00-02.50	F	LS II	130	
316	EXPER PSYC- SOCIAL			04.0 CR	
	PREREQ PSYC 211B, PSYC 307				
1	02.00	W F	LS II	430	DONNERSTEIN EDWARD
	02.00-03.50	M TH	LS II	430	
320	INDUSTRIAL PSYCH			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 202				
1	09.00	MTWTH	LAWSON	201	WESTBERG WILLIAM

323	PSYC-EMPLOYEE RELAT	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 202		
1	03.00 MTWTH	LAWSON 231	WESTBERG WILLIAM C
330	PSYC APPL PERS ADJ	04.0 CR	
	PREREQ 8 HRS PSYC		
1	08.00-09.50 M W	LS II 226	LADD CLAYTON
2	01.00-02.50 M TH	LS II 226	LADD CLAYTON
3	01.00-02.50 W	LS II 226	LADD CLAYTON
	01.00-02.50 F	LS II 285D	
4	03.00-04.50 T TH	LS II 226	LADD CLAYTON
399B	RES & INV - HONORS	01.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT CHAIRMAN		
1	10.00-11.50 F	LS II 228	EHRENFREUND DAVID

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407	TH OF LEARNING	04.0 CR	
	PREREQ PSYC 211B OR CONSENT OF INSTR		
1	10.00-11.50 T TH	LS II 250	MCHOSE JAMES HAYDEN
414	ADV IN PHSL PSYCH	04.0 CR	
	PREREQ PSYC 314 AND CONSENT OF INSTRU		
	CTOR		
1	02.00-03.50 M TH	LS II 130	LEVITT ROBERT A
431	PSYCHOPATHOLOGY	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ PSYC 305 OR CONSENT OF INSTR		
1	01.00-02.50 W F	AG 214	DEPUE RICHARD
2	01.00-02.50 W F	AG 214	DEPUE RICHARD
	ABOVE SECTION RESTR TO PSYC MAJORS		
440	TH OF PERSONALITY	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ PSYC 305 OR CONSENT OF INSTR		
1	09.00 MT THF	LS I 16	HARREN VINCENT
2	09.00 MT THF	LS I 16	HARREN VINCENT
	ABOVE SECTION RESTR TO PSYC MAJORS		
451	ADVANCED CHILD PSYC	04.0 CR	
	PREREQ PSYC 211B, AND 301 OR CONSENT		
	OF INSTRUCTOR		
1	09.00-10.50 T TH	LS I 205	SOMERVILL JOHN W
490	INDEPEN PROJECTS	01.0 TO 16.0 CR	-(MANDATORY PASS/FAIL)
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		
495	SELECTED TOPICS	01.0 TO 18.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		

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509	INSTRUMENTATION	04.0 CR	
	PREREQ CONSENT OF INSTR		
1	08.00-09.50 M TH	LS II 228	IRWIN DONALD
512	SENSORY PROCESSES	04.0 CR	
	PREREQ CONSENT OF INSTR		
1	02.00-03.50 M TH	LS II 285D	LIT ALFRED
514B	PHYSIOLOGICAL PSYCH	04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR OR 514A		
1	11.00-12.50 T F	WHAM 301A	LEVITT ROBERT
	10.00-11.50 S	LS II 69	
522C	RES DES & INFERENCE	04.0 CR	
	PREREQ PSYC 522B		
1	10.00 M F	LS II 250	RAMANAIAH NERELLA V
	09.00-10.50 W	LS II 250	RAMANAIAH NERELLA V
532	EXP APP TO PERS	02.0 CR	
	PREREQ PSYC 530 OR CONSENT OF DEPT		
1	11.00 W F	AG 218	SCHILL THOMAS RAMON
533	EXPER PSYCHOPATH	03.0 CR	
	PREREQ CONSENT OF INSTR		
1	03.00-04.50 T	LS II 228	RINGUETTE EUGENE L
	03.00 F	LS II 228	RINGUETTE EUGENE L

541	PSYCHODIAGNOSTICS I		04.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1	03.00-04.50	M	LS II	330	ODONNELL JAMES
	03.00-04.50	W	LS II	430	ODONNELL JAMES
	03.00		F	LS II	430
543A	PSYCHODIAGNOSTIC II		04.0 CR		
	PREREQ	PSYC 541 OR CONSENT OF INSTR			
1	01.00-02.50	M W	LS II	228	RAFFERTY JANET
	01.00		F	LS II	228
576	HUMAN ENGINEERING		02.0 TO 04.0 CR		
	PREREQ	PSYC 512, 581 OR CONSENT OF INSTR			
1	10.00-11.50	W F	LS II	285D	LIT ALFRED
590	READINGS-PSYC		01.0 TO 16.0 CR		
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				
591	RESEARCH IN PSYC		01.0 TO 36.0 CR		
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				
593E	PRACT-CLIN PSYC		01.0 TO 18.0 CR		
	PREREQ	CONSENT OF INSTR IN CHARGE			
1	TO BE ARRANGED				
	ABOVE SECTION RESTR TO ADVANCED STUDENTS				
2	TO BE ARRANGED				
	ABOVE SECTION RESTR TO ADVANCED STUDENTS				
3	01.00-03.50	TH	WHAM	145B	RIMM DAVID
4	01.00-03.50	TH	WHAM	145B	SHOEMAKER DONALD
5	TO BE ARRANGED				
	ABOVE SEC RESTR TO ADVANCED STUDENTS				
593F	PRACT-COUNS PSYC		01.0 TO 18.0 CR		
	PREREQ	CONSENT OF INSTR IN CHARGE			
1	TO BE ARRANGED				
593J	PRACT-CHILD PSYC		01.0 TO 18.0 CR		
	PREREQ	CONSENT OF INSTR IN CHARGE			
1	TO BE ARRANGED				
593L	PRACT-TEACHING PSYC		01.0 TO 18.0 CR		
	PREREQ	CONSENT OF INSTR IN CHARGE			
1	12.00	T	LS II	228	CARRIER NEIL ALAN
595	ADVANCED SEMINAR		01.0 TO 18.0 CR		
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				
3	TO BE ARRANGED				
4	TO BE ARRANGED				
5	TO BE ARRANGED				
6	TO BE ARRANGED				
7	TO BE ARRANGED				
8	TO BE ARRANGED				
	ABOVE SECTION OFFERED FOR ONE CREDIT HOUR ONLY				
598	ETH PROF PROB PSY		02.0 CR		
	PREREQ	PSYC MAJOR OR CONSENT OF INSTR			
1	10.00-11.50	T	LS II	285D	HARREN VINCENT A
599	THESIS		01.0 TO 09.0 CR		
1	TO BE ARRANGED				
600	DISSERTATION		01.0 TO 45.0 CR		
1	TO BE ARRANGED				

#### Radio-Television (R - T)

300M	R-T PERF-PROC TECH		05.0 CR		
1	11.00	M W F	LAWSON	201	OLSON THOMAS O
	TO BE ARRANGED				
300P	PROGRAM & ANALYSIS		05.0 CR		
1	12.00	MTWTHF	LAWSON	121	DYBVIG HOMER EUGENE
300S	FOUNDATIONS OF R-T		05.0 CR		
1	10.00	MTWTHF	LAWSON	231	LYNCH CHARLES T
302	BASIC RADIO PRODUCT		02.0 CR		
	PREREQ	R-T 300M,P & S			
1	12.00-01.50	W	COMM	1016	HALL CHARLES J JR
	01.00	F	COMM	1046	HALL CHARLES J JR



2	12.00-01.50	TH	COMM	1016	HALL CHARLES J JR
	01.00	F	COMM	1046	HALL CHARLES J JR
303	BASIC TV PRODUCTION			03.0 CR	
	PREREQ R-T 300M, P & S				
1	12.00	F	COMM	1046	BAKER BARRY G
	12.00-03.50	W	COMM	1015	BAKER BARRY G
2	12.00	F	COMM	1046	OLSON THOMAS O
	12.00-03.50	TH	COMM	1015	OLSON THOMAS O
3	12.00	F	COMM	1046	OLSON THOMAS O
	12.00-03.50	T	COMM	1015	OLSON THOMAS O
310	RADIO - TV NEWS			03.0 CR	
	PREREQ JRNL 301, 302, 303 AND R-T 300 M,P,S				
1	08.00	M W F	COMM	1046	BROWN WILLIAM E
	ABOVE SECTION LAB TBA				
325	CABLE COMMUNICATION			03.0 CR	
	PREREQ R-T 300M, P & S				
1	09.00	M W F	COMM	1046	OGLESBEE FRANK
340	ANALY-BROADCAST PRO			04.0 CR	
	PREREQ R-T 300M, P & S				
1	12.00-01.50	M W	COMM	1046	LYNCH CHAS
2	12.00-01.50	T TH	COMM	1046	LYNCH CHAS
351	PROGS AND AUDIENCES			03.0 CR	
	PREREQ R-T 300M,P,S				
1	10.00	M W F	COMM	1046	DYBVIG HOMER EUGENE
352	LAWS AND POLICIES			03.0 CR	
	PREREQ R-T 300M,P,S				
1	02.00	M W F	LAWSON	121	OGLESBEE FRANK W
360	RADIO ANNOUNCING			03.0 CR	
	PREREQ B IN R-T 300M AND THEA 203				
1	09.00	M W F	COMM	52C	CRISWELL WILLIAM P
	LAB TBA				
2	11.00	M W F	COMM	52C	
	LAB TBA				
363	RADIO PRODUCTION			04.0 CR	
	PREREQ R-T 300M,P,S				
1	10.00-11.50	W	COMM	1016	BYRD
	10.00-12.50	F	COMM	1016	BYRD
2	02.00-03.50	T	COMM	1016	TERWISCHE DAVID K
	02.00-04.50	TH	COMM	1016	TERWISCHE DAVID K
3	02.00-03.50	M	COMM	1016	
	02.00-04.50	W	COMM	1016	
369	TV DIRECTING			04.0 CR	
	PREREQ R-T 300M,P,S AND 364				
1	08.00-11.50	T	COMM	1046	ROCHELLE DAVID B
2	08.00-11.50	TH	COMM	1046	ROCHELLE DAVID B
3	08.00-11.50	W	COMM	1056C	ROSCETTI BERNARD F
370	TV NEWSFILM PRODUCT			03.0 CR	
	PREREQ R-T 300M,P,S				
1	10.00-11.50	T	COMM	1022	NORWOOD DONALD J
	ABOVE SECTION LAB TBA				
2	10.00-11.50	TH	COMM	1022	NORWOOD DONALD J
	ABOVE SECTION LAB TBA				
371	TV STAGING			03.0 CR	
	PREREQ R-T 300M,P,S AND 364 OR CONSENT OF INSTR				
1	04.00	T TH	COMM	1015	WALKER MYERS B JR
	ADDITIONAL MEETING TBA				
374	STUDIO OPERATION-TV			02.0 CR	
	PREREQ R-T 303				
1	05.00	T	COMM	1046	ROSCETTI BERNARD F
375	PROB RAD-TV PROG			01.0 TO 02.0 CR	
	PREREQ R-T 300M,P,S				
1	TO BE ARRANGED				
377	R-TV ADVERTISING			03.0 CR	
	PREREQ R-T 300M,P,S AND JRNL 370 AND 371				
1	02.00	M W F	COMM	1046	DYBVIG HOMER EUGENE

383	BROADCAST WRITING	04.0 CR	
	PREREQ R-T 300M,P,S AND 363 AND 364		
1	09.00-10.50 T TH	COMM 1046	TERWISCHE DAVID K
2	02.00-03.50 T TH	COMM 1046	OGLESBEE FRANK W
386	ADV RADIO PRODUCT	03.0 CR	
	PREREQ R-T 302,340,383		
1	04.00 T TH	COMM 1046	
	LAB TBA		
387	ADV TV PRODUCTION	04.0 CR	
	PREREQ R-T 303, 340, 369, 383		
1	04.00 M W	COMM 1015	OLSON THOS
	ADDITIONAL MEETINGS TBA		
390	BROADCAST STA MGT	05.0 CR	
	PREREQ R-T 300M,P,S		
1	09.00 MTWTHF	COMM 1018	KURTZ JOHN L
393	RADIO-TV & SOCIETY	03.0 CR	
	PREREQ R-T 300M,P,S, 351 AND 352		
1	04.00 M W F	LAWSON 121	SHIPLEY CHARLES W
453	RADIO-TV IN EDUC	03.0 CR	
	PREREQ R-T 300M,P,S		
1	11.00 M W F	COMM 1046	ROBBINS BUREN C
467	RADIO-TV PROD SURV	03.0 CR	
	PREREQ R-T 300M,P,S		
1	04.00 M W F	COMM 1046	ROBBINS BUREN C
470	DOCUMENT FILM PROD	04.0 CR	
	PREREQ R-T 370 OR C&P 355		
1	10.00-11.50 W	COMM 1006	NORWOOD DONALD J
	ADDITIONAL MEETING TBA		
475	INDIVIDUAL STUDY	01.0 TO 08.0 CR	
1	09.00 T	COMM 1046	
	TO BE ARRANGED		
490	THEA-TV WORKSHOP	04.0 CR	
	PREREQ R-T 364, 374, 369, 383 AND/OR CONSENT		
1	TO BE ARRANGED		TERWISCHE DAVID K
	ABOVE SECTION REST TO CONSENT OF R-T CHAIRMAN		

#### Recreation (REC)

300	INTRO TO RECREATION	04.0 CR	
	PREREQ RESTRICTED TO CONSENT OF DEPT		
1	08.00 M W F	WHAM 210	SCHULTZ STEPHEN
2	01.00 M W F	WHAM 202	SCHULTZ STEPHEN H
301	OUTDOOR EDUCATION	04.0 CR	
	PREREQ REC 300 AND REC 305 OR CONSENT OF DEPT		
1	TO BE ARRANGED		
	SEE COED 301 FOR REGISTRATION		
305	PROGRAMS IN REC	04.0 CR	
	PREREQ REC 300 OR CONSENT OF DEPT		
1	09.00 M W F	0871 101	SCHULTZ STEPHEN
310	SOCIAL RECREATION	03.0 CR	
	PREREQ REC 300 AND REC 305 OR CONSENT OF DEPT		
1	10.00 M W	WHAM 321	ROSE ROBERT
	10.00 F	WHAM 228	ROSE ROBERT
315	DRAMATICS IN REC	03.0 CR	
	PREREQ REC 300 AND REC 305 OR CONSENT OF DEPT		
1	04.00-05.30 T TH	PULL 34	TAYLOR LOREN
320	NATURE INTERPRET	04.0 CR	
	PREREQ REC 300 AND REC 305 OR CONSENT OF DEPT		
1	TO BE ARRANGED		
	SEE COED 320 FOR REGISTRATION		
325	LEISURECRAFTS	03.0 CR	
	PREREQ REC 300 AND REC 305 OR CONSENT OF DEPT		
1	04.00-05.30 M W	PULL 34	BLANK MIKE

330	CAMPCRAFT	03.0 CR			
	PREREQ REC 300 AND REC 305 OR CONSENT OF DEPT				
1	03.00-05.30 W WHAM 210			ABERNATHY WILLIAM	
340	REC ACT FOR SP POP	03.0 CR			
	PREREQ REC 300, 302 AND REC 305 OR CONSENT OF DEPT				
1	01.00 M W F WHAM 329			FREEBERG WILLIAM	
365	ORG ADMIN-COMM REC	04.0 CR			
	PREREQ REC 300, 305 AND 15 HRS IN REC OR CONSENT OF DEPT				
1	10.00 MTW PULL 119			OBRIEN WILLIAM E	
	10.00 TH WHAM 302				
380	FIELD WORK	01.0 TO 04.0 CR			
	PREREQ REC 300, 305 OR CONSENT OF DEPT				
1	TO BE ARRANGED			ABERNATHY WILLIAM	
490	INTERNSHIP IN REC	12.0 TO 16.0 CR			
	PREREQ 20 HRS IN REC OR CONSENT OF DEPT				
1	TO BE ARRANGED			ABERNATHY WILLIAM	
525	SPEC POP WKSHOP	04.0 CR			
1	06.30-09.00 PM W WHAM 312			FREEBERG WILLIAM	
530	REC PROGRAM WORKSHOP	04.0 CR			
	PREREQ REC 500				
1	06.30-09.00 PM T WHAM 307			FREEBERG WILLIAM	
540	PLAN OUTDOOR AREAS	04.0 CR			
	PREREQ REC 500				
1	06.30-09.00 PM TH WHAM 321			TAYLOR LOREN	
596	INDEPENDENT STUDY	04.0 CR			
1	TO BE ARRANGED			FREEBERG WILLIAM	
599	THESIS	05.0 CR			
	PREREQ CONSENT OF CHAIRMAN				
1	TO BE ARRANGED			FREEBERG WILLIAM	

#### Rehabilitation (REHB)

414	DEV EMP OPPORT	01.0 TO 16.0 CR			
	PREREQ SPECIAL STANDING OR CONSENT OF INSTR				
1	TO BE ARRANGED			VIECELI LOUIS	
490	READINGS IN REHB	01.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
501C	REHB ADMINISTRATION	02.0 CR			
	PREREQ CONSENT OF INSTR				
1	09.00-10.50 S WHAM 212			LEE ROBERT EDWARD	
503	CASE MGT IN REHB	02.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	10.00-11.50 W AG 116			BENDER ELEANOR G	
519	SEL, PLACE & FOLLOW	02.0 TO 03.0 CR			
	PREREQ CONSENT OF INSTR				
1	09.00-10.50 F 0871 102			VIECELI LOUIS	
2	09.00-04.30 MTWTHF 0406 102				
	ABOVE SECTION-MEETS APRIL 23-28				
531	VOCATIONAL APPRAIS	02.0 TO 04.0 CR			
	PREREQ REHB 511 OR CONSENT OF INSTR				
1	10.00-11.30 F WHAM 301B			COYLE FRANK A JR	
536A	IND ASSESS IN REHB	04.0 CR			
	PREREQ REHB 532 & CONSENT OF INSTR				
1	09.00-10.50 M 0861 101			GARDNER MARGARET S	
	09.00-10.50 F AG 116			GARDNER MARGARET S	
541	MED ASPECT-REHB	01.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR				
1	05.45-07.25 W LAWSON 201			BENDER ELEANOR	
552	REHB COUNSELING RES	04.0 CR			
	PREREQ REHB 551				
1	02.00-03.50 M W 0875 101			ALLEN HARRY A JR	
561	PSYC-SOC ASPECT-DIS	02.0 TO 03.0 CR			
	PREKEQ CONSENT OF INSTR				
1	10.00-11.50 M LS II 228			SCHUMACHER BROCKMAN	



563	AVER CONTR & AG BEH	04.0 TO 08.0 CR			
	PREREQ CONSENT OF INSTR				
1	03.00-04.50 T TH	AG	224	CAMPBELL ROBERT	
571	SEM IN SEL TOPICS	01.0 TO 06.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED			GRENFELL JOHN E	
2	01.00-02.50 M W	0427	104	POPPEN ROGER	
576	SEM IN BEHAV MODIFI	04.0 CR			
	PREREQ CONSENT OF INSTR				
1	03.00-04.50 M	AG	218	SANDERS RICHARD M	
	03.00-04.50 W	AG	154		
578	SEM IN CORR REH CO	01.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR				
1	07.00-09.00 PM M	COMM	1018	GRENFELL JOHN E	
585A	PRACTICUM IN REHAB	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED			LEE ROBERT EDWARD	
585B	PRACTICUM IN REHAB	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED			CAMPBELL ROBERT L	
2	TO BE ARRANGED			CAMPBELL ROBERT L	
585C	PRACTICUM IN REHAB	01.0 TO 24.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED			GARDNER & SCHUMACHER	
589	INTERNSHIP IN REHAB	00.0 TO 12.0 CR			
	PREREQ REHB 585 AND CONSENT OF DEPT				
1	TO BE ARRANGED			GARDNER MARGARET S	
590	INDEPENDENT PROJ	01.0 TO 16.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
591	RESEARCH IN REHAB	01.0 TO 16.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
599	THESIS	01.0 TO 09.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				

#### Religious Studies (RELS)

330C	HIST WES REL THOUGH	03.0 CR			
	PREREQ JUNIOR STANDING OR CONSENT OF INSTRUCTOR				
1	09.00 M W F	WHAM	312	SMITH LEMUEL E	
331B	RELIGION IN AMERICA	03.0 CR			
	PREREQ SOPH STANDING OR CONSENT OF INSTRUCTOR				
1	11.00 M W F	AG	188	SMITH LEMUEL E	
353	SOC ETHICAL STYLES	04.0 CR			
1	10.00-11.50 T TH	LS II	228	LEMERT CHARLES C	
	CROSSLISTED WITH SOC 353				
360A	REL IMAGE-LITERARY	04.0 CR			
1	02.00-03.50 T TH	LS II	250	HAYWARD JOHN F	
376	HONORS READING- REL	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				

#### Secondary Education (S ED)

310	HIST PRIN OF SEC ED	04.0 CR			
	PREREQ GUID 305/PSYC 303, ADMISSION TO TCHR ED PROGRAM				
1	08.00	M WTHF	WHAM	326	ALSTON
2	09.00	M WTHF	WHAM	326	KEEFER
3	10.00	M WTHF	WHAM	328	ALSTON
4	10.00	M WTHF	WHAM	326	MEES
5	11.00	M WTHF	WHAM	326	BEASLEY
6	12.00	M WTHF	WHAM	326	FLIGOR
7	01.00	M WTHF	WHAM	326	MEES
8	02.00	M WTHF	WHAM	326	JACKSON

9	03.00	M WTHF	WHAM	326	AIKMAN
10	04.00	M WTHF	WHAM	326	BOYDSTON
11	05.45-07.25	M W	WHAM	326	JACKSON
312	INSTR ANAL&FIELD WK 02.0 TO 08.0 CR PREREQ ADMISSION TO TEACHER EDUCATION PROGRAM				
1	TO BE ARRANGED SEE DEPT PRO ED EXPERIENCES PRIOR TO REGISTRATION				DIXON BILLY G
315	SEC SCH TEACH METH 04.0 CR PREREQ S ED 310 OR CONCURRENT ENROLL				
1	09.00	M WTHF	WHAM	329	LONG RUTH A
2	11.00	M WTHF	WHAM	328	LONG RUTH
340	TEACH READ IN H S 04.0 CR PREREQ GUID 305				
1	09.00	MTWTH	WHAM	328	DUSENBERY MIRIAM C
2	11.00	MTWTH	WHAM	329	DUSENBERY MIRIAM C
352	SEC STUD TCH 08.0 TO 16.0 CR				
1	TO BE ARRANGED AGRICULTURE				DIXON BILLY G
2	TO BE ARRANGED ART				DIXON BILLY G
3	TO BE ARRANGED BIOLOGY				DIXON BILLY G
4	TO BE ARRANGED BUSINESS				DIXON BILLY G
5	TO BE ARRANGED CHEMISTRY				DIXON BILLY G
6	TO BE ARRANGED ECONOMICS				DIXON BILLY G
7	TO BE ARRANGED ENGLISH				DIXON BILLY G
8	TO BE ARRANGED FOREIGN LANGUAGE				DIXON BILLY G
9	TO BE ARRANGED GENERAL SCIENCE				DIXON BILLY G
10	TO BE ARRANGED GEOGRAPHY				DIXON BILLY G
11	TO BE ARRANGED GOVERNMENT				DIXON BILLY G
12	TO BE ARRANGED HEALTH EDUCATION				DIXON BILLY G
13	TO BE ARRANGED HISTORY				DIXON BILLY G
14	TO BE ARRANGED HOME ECONOMICS				DIXON BILLY G
15	TO BE ARRANGED OCCUPATIONAL EDUCATION				DIXON BILLY G
16	TO BE ARRANGED JOURNALISM				DIXON BILLY G
17	TO BE ARRANGED MATHEMATICS				DIXON BILLY G
18	TO BE ARRANGED MUSIC				DIXON BILLY G
19	TO BE ARRANGED PHYSICAL EDUCATION				DIXON BILLY G
20	TO BE ARRANGED PHYSICS				DIXON BILLY G
21	TO BE ARRANGED SOCIAL STUDIES				DIXON BILLY G
22	TO BE ARRANGED SPEECH				DIXON BILLY G
23	TO BE ARRANGED INSTRUCTIONAL MATERIALS				DIXON BILLY G
24	TO BE ARRANGED LANGUAGE ARTS				

S ED 352 - Student teachers are expected to be on duty in the public schools according to the calendar of the schools in which they are teaching. During the time in which University students are student teaching, it may therefore be necessary for them to follow a calendar different from the quarterly University calendar. When this is necessary, the Chairman of Professional Education Experiences will inform the students sufficiently far enough in advance so that they may make necessary arrangements

375A	IND RES-CURRICULUM	02.0 TO 04.0 CR				
1	TO BE ARRANGED				ALSTON MELVIN O	
375B	IND RES-INSTRUCTION	02.0 TO 04.0 CR				
1	TO BE ARRANGED				ALSTON MELVIN O	
375C	IND RES-LANG ARTS	02.0 TO 04.0 CR				
1	TO BE ARRANGED				DUSENBERY MIRIAM C	
375D	IND RES-SCIENCE	02.0 TO 04.0 CR				
1	TO BE ARRANGED				JAMES HELEN H	
375E	IND RES-READING	02.0 TO 04.0 CR				
1	TO BE ARRANGED				DUSENBERRY MIRIAM C	
375F	IND RES-SOC STUDIES	02.0 TO 04.0 CR				
1	TO BE ARRANGED				MILLER HARRY G	
375G	IND RES-PROB S ED	02.0 TO 04.0 CR				
1	TO BE ARRANGED				ALSTON MELVIN O	
375H	IND RES-JR HIGH MET	02.0 TO 04.0 CR				
	PREREQ CONSENT OF DEPT					
1	TO BE ARRANGED				ALSTON MELVIN O	
407A	MID & JR HIGH SCH	04.0 CR				
1	02.00 M WTHF WHAM	328			AIKMAN ARTHUR	
487	TCH NAT SCI-SEC SCH	04.0 CR				
	PREREQ S ED 310 OR CONCURRENT					
1	10.00-11.50 M W PULL	304			JAMES HELEN H	
488	SOC ST IN SEC SCH	04.0 CR				
	PREREQ S ED 310 OR CONCURRENTLY					
1	02.00-03.50 T TH WHAM	329			BEASLEY	
2	06.30-09.00 PM TH WHAM	329			BEASLEY	
506	READING IN SEC SCH	04.0 CR				
	PREREQ S ED 352 OR TEACHING EXPERIENCE					
1	06.30-09.30 PM M WHAM	144			DUSENBERRY	
507	READINGS IN READING	02.0 TO 04.0 CR				
	PREREQ CONSENT OF INSTR					
1	TO BE ARRANGED				DUSENBERRY	
509	PRACTICUM IN RD	04.0 TO 08.0 CR				
	PREREQ S ED 521C					
1	TO BE ARRANGED				DUSENBERRY	
514	ORG & ADMIN RD PROG	04.0 CR				
1	06.30-09.00 PM T WHAM	144			HILL	
516	INTERN IN READING	04.0 TO 12.0 CR				
	PREREQ S ED 509 AND 514					
1	TO BE ARRANGED				HILL	
521C	DIAG-CORR READ DIS	04.0 CR				
	PREREQ 505 OR 440 OR CONCURRENT REG WITH 505 & TEACH EXPER					
1	09.00-11.30 S WHAM	118			FISHCO	
2	09.00-11.30 F WHAM	118			FISHCO	
561	CURRICULUM	04.0 CR				
1	06.30-09.00 PM T WHAM	329			FISHBACK WOODSON W	
	ABOVE SECTION CROSSLISTED WITH EDAF 560					
562	SEC SCHO CURRICULUM	04.0 CR				
1	06.30-09.00 PM TH WHAM	326			FLIGOR ROSS JEAN	
571	SEM IN CURRICULUM	04.0 CR				
	PREREQ ELED 561 OR S ED 562 OR EQUIV					
1	03.30-06.00 W WHAM	301A			BUSER ROBERT L	
575A	IND RES-CURRICULUM	02.0 TO 04.0 CR				
1	TO BE ARRANGED				ALSTON MELVIN O	
575B	IND RES-SUPERVISION	02.0 TO 04.0 CR				
1	TO BE ARRANGED				ALSTON MELVIN O	
575C	IND RES-LANG ARTS	02.0 TO 04.0 CR				
1	TO BE ARRANGED				DUSENBERY MIRIAM C	



575D	IND RES-SCIENCE	02.0 TO 04.0 CR			
1	TO BE ARRANGED			JAMES HELEN H	
575E	IND RES-READING	02.0 TO 04.0 CR			
1	TO BE ARRANGED			DUSENBERRY MIRIAM C	
575F	IND RES-SOC STUDIES	02.0 TO 04.0 CR			
1	TO BE ARRANGED			MILLER HARRY G	
575G	IND RES-SEC EDUC	02.0 TO 04.0 CR			
1	TO BE ARRANGED			ALSTON MELVIN O	
575H	IND RES-JR H METHOD	02.0 TO 04.0 CR			
1	TO BE ARRANGED			ALSTON MELVIN O	
596	INDEPENDENT INVEST	05.0 TO 09.0 CR			
1	TO BE ARRANGED			FLIGOR	
597	SEM-PROPOSAL DEVEL	04.0 CR			
	PREREQ DOCTORAL STANDING				
1	06.30-09.00 PM W WHAM	301A	JAMES HELEN		
598	PRACTICUM	02.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED			KEEFER DARYLE EARL	
599	THESIS	03.0 TO 09.0 CR			
1	TO BE ARRANGED			FLIGOR	
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED			MEES	

### Secretarial and Business Education (SEC)

201A	TYPEWRITING	03.0 CR			
1	08.00 TWTHF CL	13	BLACKSTONE GLEN		
2	12.00 MTWTH CL	13	TRIPLETT LADONNA		
3	04.00 MTWTH CL	13	BUBOLTZ VAN A		
201B	TYPEWRITING	03.0 CR			
	PREREQ SEC 201A OR EQUIV				
1	11.00 MTWTH CL	13	GRAVES LOUISE		
2	03.00 MTWTH CL	13	GRAVES LOUISE		
221A	SHORTHAND-TRANS	04.0 CR			
1	10.00 MTWTHF CL	24	JACOBSON HARRY		
221B	SHORTHAND-TRANS	04.0 CR			
	PREREQ SEC 221A OR EQUIV				
1	10.00 MTWTHF CL	17	VEATH LINDA		
221C	SHORTHAND-TRANS	04.0 CR			
	PREREQ SEC 221B OR EQUIV				
1	10.00 MTWTHF CL	21	HORN JEAN		
241	DUPLICATING	01.0 CR			
	PREREQ SEC 201A OR EQUIV				
1	11.00-12.50 W CL	21	RAHE HARVES		
2	02.00-03.50 M CL	21	RAHE HARVES		
243	KEYPUNCH	01.0 CR			
	PREREQ SEC 201A OR EQUIV				
1	09.00 F CL	21	HORN JEAN		
2	12.00 T CL	21	HORN JEAN		
304	ADV TYPEWRITING	03.0 CR			
	PREREQ SEC 201C OR EQUIV				
1	01.00 MTWTHF CL	13	ANDERSON MARCIA A		
324A	ADV SHORTHAND-TRANS	04.0 CR			
	PREREQ SEC 221C OR EQUIV				
1	10.00 MTWTHF CL	13	ANDERSON MARCIA A		
326	EXECUTIVE SEC PROC	04.0 CR			
	PREREQ SEC 201C OR EQUIV				
1	09.00 MTWTHF CL	13	BAUERNFEIND HARRY B		
341	OFFICE CALC MCHNS	04.0 CR			
1	11.00 MTWTHF CL	17	RAHE HARVES		
403	TEACH TYPEWRITING	03.0 CR			
	PREREQ SEC 304 OR EQUIV				
1	02.00 MTW CL	13	ANDERSON MARCIA A		
404	TEACHING SHORTHAND	03.0 CR			
	PREREQ SEC 221C OR EQUIVALENT				
1	08.00 TWTH CL	21	JACOBSON HARRY		
408	TCH BKPG ACCT /P/	04.0 CR			
	PREREQ ACCT 251 OR EQUIV				
1	01.00 MTWTH CL	17	BAUERNFEIND HARRY B		

410	TEACH CONSUMER ED		04.0 CR		
	PREREQ	GSB 346 OR FIN 305 OR EQUIV			
1	07.35-09.15 PM	M W	CL	17	BUBOLTZ VAN A
426	OFFICE MANAGEMENT		04.0 CR		
1	11.00	MT THF	CL	21	JACOBSON HARRY
525	COOP VOC-TECH ED		04.0 CR		
1	09.00-11.30	S	TECH A	120	BAUERNFEIND HARRY B
	CROSS LISTED WITH AG 1 HEED OE 525				
591	IND RES IN BUS ED		02.0 TO 05.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				

### Social Welfare (S W)

375	SW AS A SOC INSTIT		04.0 CR		
1	09.00	TWTHF	0875	101	ROSEN ANITA L
2	12.00	MTWTH	LS II	146	ROBERTS TERRENCE
383	INTRO INTERVIEWING		04.0 CR		
1	09.00	MT THF	0862	102	BROWN FOSTER S JR
2	01.00	MTWTH	WHAM	208	ROBERTS TERRENCE
391	SOC SER&MINOR GRPS		03.0 CR		
	PREREQ	SW 375			
1	02.00	MTWTH	H EC	102	ROBERTS TERRENCE
396	READINGS		01.0 TO 06.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
481A	PROC IN SOC WORK		04.0 CR		
	PREREQ	SW 375			
1	10.00-11.50	T	0834	114A	
	10.00-11.50	TH	0871	101	
2	01.00-02.50	T TH	WHAM	201	BRELJE MARTHA ELAINE
481B	PROC IN SOC WORK		04.0 CR		
	PREREQ	SW 481A			
1	02.00-03.50	T TH	0834	114	ROSEN ANITA L
482	SOC WK-SEL AGENCIES		10.0 CR		
	PREREQ	SW 481 & CONSENT OF INSTR			
1	05.45-07.25	M	WHAM	303	BROWN FOSTER S JR
490	SEM- PROB & ISSUES		04.0 CR		
	PREREQ	SW 481A & B			
1	02.00-03.50	T TH	GYM	203	AUERBACH ARNOLD

### Sociology (SOC)

301	PRINCIPLES OF SOC		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	JR STANDING			
1	09.00	TWTHF	WHAM	201	MEDDIN JAY
2	10.00-11.50	T TH	LS II	350	MARTIN THOMAS
3	01.00-02.50	M W	BAILEY	130	
302	CONTEMP SOC PROB		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	ONE COURSE IN SOC			
1	11.00	MTWTH	WHAM	201	HIGGINS MICHAEL
2	03.00	MTWTH	WHAM	205	MCWILLIAMS PERRY
312	ELEM SOC RESEARCH		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	SOC 308 OR EQUIV OR CONSENT OF INSTR			
1	09.00-10.50	T F	0861	102	RAINEY MICHAEL
335	URBAN SOCIOLOGY		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	GSB 2018 OR SOC 301			
1	08.00-09.50	M W	PARK	204	NALL FRANK C
2	01.00-02.50	M W	PIERCE	130	NALL FRANK C
3	03.00	MTWTH	CL	328	HIGGINS MICHAEL
338	INDUSTRIAL SOC		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	GSB 2018 OR SOC 301			
1	10.00	MTWTH	LS II	146	SCOTT GERALD
340	THE FAMILY		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	GSB 2018 OR SOC 301			
1	01.00-02.50	T TH	LS II	146	HENDRIX LEWELLYN

- 351 SOC OF RELIGION 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 2018 OR SOC 301  
 1 03.00-04.50 T TH WHAM 201 LEMERT CHARLES
- 372 CRIMINOLOGY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 2018 OR SOC 301  
 1 12.00 MTWTH WHAM 319 DEFEE JAMES  
 2 01.00-02.50 M W TECH A 308 KULMAN KENNETH
- 374 SOCIOLOGY OF ED 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 2018 OR SOC 301 OR CONSENT  
 OF INSTR  
 1 01.00-02.50 T TH LS II 450 MARTIN THOMAS W  
 2 11.00 MTWTH COMM 1017 FERGE SUSAN
- 396 READINGS IN SOC 01.0 TO 05.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF INSTR  
 1 TO BE ARRANGED
- 396H HONORS READINGS-SOC 01.0 TO 04.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF DEPARTMENT  
 1 TO BE ARRANGED
- 426 SOC BEHAVIOR PERS 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 321 OR PSYC 305 OR CONSENT  
 OF INSTR  
 1 10.00-11.50 W WHAM 305 ROSSEL ROBERT  
 10.00-11.50 F WHAM 312
- 435 SOC STRATIFICATION 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ TWO COURSES IN SOC OR CONSENT  
 OF INSTR  
 1 08.00 MTWTH WHAM 329 HAWKES ROLAND  
 2 01.00-02.50 M W WHAM 307 FERGE SUSAN
- 453 SOCIAL MOVEMENTS 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ TWO COURSES IN SOC OR CONSENT  
 OF INSTR  
 1 12.00-01.50 M W WHAM 303 MCGLYNN EDWARD
- 497 SENIOR SEMINAR 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ SR STANDING WITH 20 HRS SOC OR  
 CONSENT OF INSTR  
 1 03.00-04.50 M W PARK 301 MCGLYNN EDWARD  
 2 03.00-04.50 T TH CL 326 DAY ROBERT
- 498A INDIVIDUAL RESEARCH 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ SR STANDING WITH 20 HRS SOC &  
 CONSENT OF INSTR  
 1 TO BE ARRANGED  
 ABOVE SECTION RESTR TO SOC MAJORS
- 498B INDIVIDUAL RESEARCH 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ SR STANDING WITH 20 HRS SOC &  
 CONSENT OF INSTR  
 1 TO BE ARRANGED
- 498H HONORS IND RESEARCH 01.0 TO 04.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF DEPARTMENT  
 1 TO BE ARRANGED ALIX ERNEST K  
 ABOVE SECTION RESTR TO SOC MAJORS
- 503 EUR THEO 1910-PRES 04.0 CR  
 PREREQ 15 HRS SOC OR CONSENT OF INSTR  
 1 02.00-04.30 M WHAM 301B MUNCH PETER
- 506 SEM CONTEMP THEO 04.0 CR  
 PREREQ 15 HRS SOC OR CONSENT OF INSTR  
 1 10.00-12.30 F PULL 316 NALL FRANK
- 512A SOCIOLOGICAL RES 04.0 CR  
 1 01.00-02.50 T TH LS II 228 BROOKS MELVINS
- 521 SEM SOC PSYCH 04.0 CR  
 PREREQ SOC 426  
 1 01.00-02.50 W F WHAM 301B ROSSEL ROBERT
- 526C QUANT METH IN SOC 04.0 CR  
 PREREQ SOC 526B  
 1 11.00 T LS II 430  
 11.00-12.50 TH LS II 430
- 537 SOCIOLOGY OF LAW 04.0 CR  
 PREREQ 15 HRS OF SOC OR CONSENT OF  
 INSTR  
 1 08.00-10.50 T WHAM 301A ALIX ERNEST K



563	RES PROB IN DISORG	04.0 CR	
	PREREQ 15 HRS SOC OR CONSENT OF INSTR		
1	07.00-09.30 PM T	PULL 316	
572	SEM IN CRIMINOLOGY	04.0 CR	
	PREREQ SOC 372 OR CONSENT OF INSTR		
1	08.00-10.50 M	H EC 3	ALIX ERNEST K
591	INDIVIDUAL RESEARCH	02.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR AND DEPT CHAIRMAN		
1	TO BE ARRANGED		
596	READINGS IN SOC	02.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR AND DEPT CHAIRMAN		
1	TO BE ARRANGED		
599	THESIS	02.0 TO 09.0 CR	
	PREREQ CONSENT OF DEPT CHAIRMAN		
1	TO BE ARRANGED		RAINEY MICHAEL L
600	DISSERTATION	01.0 TO 48.0 CR	
	PREREQ CONSENT OF DEPT CHAIRMAN		
1	TO BE ARRANGED		

### Special Education (SP E)

400	EXCEPTIONAL CHILD	04.0 CR	
	PREREQ PSYC 301		
1	11.00	MTWTH WHAM 308	
410A	PROB & CHAR-EMO CHI	04.0 CR	
	PREREQ SP E 414 OR CONSENT OF INSTR		
1	09.00-10.50	T TH WHAM 202	HISAMA TOSHIAKI
410B	PROB CHAR MENT RET	04.0 CR	
	PREREQ SP E 414		
1	09.00-10.50	M W PULL 118	STEPHENS WYATT E
2	06.00-09.20 PM	W PULL 119	STEPHENS WYATT E
410C	PROB CHAR GIFT CHLD	04.0 CR	
	PREREQ PSYC 301 OR 303 OR CONSENT OF INSTR		
1	06.00-09.20 PM T	PULL 119	CASEY JOHN P
410E	PROB CHAR LRNG DIS	04.0 CR	
	PREREQ 414, CONSENT OF INSTR		
1	06.00-09.20 PM T	WHAM 112	
411	ASS & REMED LRN DIS	04.0 CR	
	PREREQ SP E 414 AND CONSENT OF INSTR		
1	11.00-12.50	M W PULL 118	JOINER LEE M
2	04.00-05.50	M W PULL 118	JOINER LEE M
413A	DIR OBSER-EMOT DIST	04.0 CR	
	PREREQ CONSENT OF INSTR		
1	02.00-03.50	T TH WHAM 321	HISAMA TOSHIAKI
413B	DIR OB OF MR CHILD	04.0 CR	
	PREREQ SP E 414, SP E 410B OR CONC EN RLMT & MAJOR IN SP E		
1	09.00-10.50	T PULL 118	CAMPBELL ANNE
	09.00-10.50	TH WHAM 321	
420A	MET & MAT-ED EM DIS	04.0 CR	
	PREREQ SP E 410A AND CONSENT OF INSTR		
1	04.00-05.50	T TH PULL 41	JUUL KRISTEN D
420B	METH & MAT TEACH MR	04.0 CR	
	PREREQ SP E 410B AND CONSENT OF INSTR		
1	06.00-09.20 PM	W WHAM 305	BREEN EDWARD B
420E	METH MAT LRNG DIS	04.0 CR	
	PREREQ 414 411		
1	06.00-09.00 PM	W PULL 37	
496	READ & INDEP STUDY	02.0 TO 08.0 CR	
	PREREQ SP E 414 AND CONSENT OF STAFF		
1	TO BE ARRANGED		
501B	SP RESEARCH PROB	04.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		JOINER & STEPHENS

515	ITIN TEACH EX CHILD	04.0 CR	
	PREREQ SP E 410A, B, OR D		
1	06.00-09.20 PM W PULL	118	MORGAN HOWARD G
577	PRACTICUM IN SP ED	04.0 TO 12.0 CR	
	PREREQ SP E 410A, B, C, OR D, AND CONSENT OF STAFF		
1	TO BE ARRANGED		
592	SEM ED-LEA BEH DISO	04.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		JUUL KRISTEN D
596	IND INVESTIGATION	05.0 TO 09.0 CR	
1	TO BE ARRANGED		
599	THESIS	02.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
1	TO BE ARRANGED		

## Speech (SPCH)

102	PUBLIC SPEAKING	04.0 CR	
	PREREQ GSD 103		
1	02.00 MTWTH	COMM 1021	HIBBS RICHARD PAUL
2	03.00 M W	COMM 1022	
	03.00 T TH	COMM 1021	
104	TRAINING SPKG VOICE	04.0 CR	
	PREREQ GSD 103		
1	08.00 MT THF	COMM 1006	MONCOUR
201	PARLIAMENTARY LAW	02.0 CR	
1	11.00 M W	COMM 1021	BRENIMAN LESTER R
202	PRIN OF DISCUSSION	03.0 CR	
1	02.00 M W F	COMM 1018	POTTER DAVID J
203	INTERPERSONAL COMM	04.0 CR	
	PREREQ GSD 103 OR EQUIV		
1	02.00-03.50 T TH	0862 101	SMITH WILLIAM D
205	ARGUMENT DEBATE	04.0 CR	
1	10.00-11.50 M W	COMM 2008	KLEINAU MARVIN DALE
2	05.45-07.25 T TH	COMM 2008	KLEINAU MARVIN DALE
209	FORSENIC ACTIVITIES	01.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	10.00 S	COMM 2008	KLEINAU MARVIN DALE
301	PERSUASION	04.0 CR	
1	11.00 MTWTH	COMM 1018	SMITH WILLIAM D
303	BUS PROF SPEAKING	04.0 CR	
1	10.00 MTWTH	COMM 1017	WILEY RAYMOND D
309	FORSENIC ACTIVITIES	01.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		KLEINAU MARVIN DALE
323	ORAL INTERP II	04.0 CR	
	PREREQ GSG 200 OR CONSENT OF INSTR		
1	09.00-10.50 M W	COMM 1020	KLEINAU MARION L
	10.00 F	COMM 1020	KLEINAU MARION L
2	11.00-12.50 M W	COMM 1020	FISH ROBERT S
	11.00 F	COMM 1020	FISH ROBERT
331	PUB POLICIES & PRCT	04.0 CR	
	PREREQ JR STANDING		
1	01.00 MTWTH	LAWSON 101	WILEY RAYMOND D
406	TCHG SEC SCHL SPCH	04.0 CR	
	PREREQ 16 HRS OF SPCH		
1	10.00-11.50 T TH	0861 101	NORWOOD E
408	PSYCHOLOGY OF SPCH	04.0 CR	
1	03.00 M W F	COMM 1018	BRENIMAN LESTER R
	03.00 TH	AG 222	
417	CONTEMPORARY PUB AD	04.0 CR	
1	10.00-11.50 T TH	COMM 2012	BRADLEY EARL EDESEL
430	INDEPENDENT STUDY	02.0 TO 04.0 CR	
	PREREQ 12 HRS SPCH & CONSENT OF INSTR		
1	TO BE ARRANGED		

431	INTERN-PRACT IN PR	02.0 TO 12.0 CR		
	PREREQ SR, SPCH 331, MGT 340, MKTG 301, 363, JRNL 370			
1	TO BE ARRANGED			WILEY RAYMOND D
434A	THE COMPILED SCRIPT	04.0 CR		
	PREREQ SPCH 323			
1	02.00-03.50	M W	COMM 2012	KLEINAU MARION
435	STUDIES IN ORG COMM	04.0 CR		
	PREREQ SPCH 303			
1	02.00-03.50	T TH	COMM 1018	JENNINGS RUSSELL W
445C	LANGUAGE BEHAVIOR	04.0 CR		
1	10.00-11.50	M W	COMM 2012	HIGGINBOTHAM DOROTHY
449	GENERAL SEMANTICS	04.0 CR		
1	01.00	MTWTH	COMM 1021	PACE THOMAS J
450C	LAB INTERPER COM	04.0 CR		
1	06.30-10.00 PM	M	COMM 1017	JENNINGS RUSSELL W
2	06.30-10.00 PM	W	COMM 1017	JENNINGS RUSSELL W
500	SURV CLASSICAL RHET	04.0 CR		
1	06.00-09.00 PM	M	COMM 2012	MICKEN RALPH
504	MED & REN RHETORIC	04.0 CR		
1	10.00-11.50	M W	COMM 1022	BRADLEY
505	MODERN RHET THEORY	04.0 CR		
1	07.30-10.00 PM	T	COMM 1022	POTTER DAVID J
523	SEM-PROB IN INTERP	04.0 CR		
	PREREQ 12 HRS INTERP AND THEATRE AND CONSENT OF INSTRUCTOR			
1	02.00-03.50	T TH	COMM 1020	FISH ROBERT
525	SEMINAR SPEECH EDUC	04.0 CR		
	PREREQ CONSENT OF INSTR			
1	10.00-11.50	T TH	AG 218	HIGGINBOTHAM DOROTHY
530	RESEARCH PROBLEMS	01.0 TO 04.0 CR		
1	TO BE ARRANGED			MICKEN RALPH
540	SEM-EXP COMM RES	04.0 CR		
	PREREQ SPCH 428 AND 429			
1	03.00-04.50	T TH	COMM 1022	SANDERS KEITH R
599	THESIS	02.0 TO 09.0 CR		
1	TO BE ARRANGED			MICKEN RALPH
600	DISSERTATION	01.0 TO 48.0 CR		
1	TO BE ARRANGED			MICKEN RALPH A

### Speech Pathology and Audiology (SP & A)

104	TRAINING SPK VOICE	04.0 CR		
1	11.00	MT THF	COMM 1006	MONCUR JOHN
200	PHONETICS	04.0 CR		
1	03.00	MTWTH	COMM 1006	BRACKETT I P
203	INTRO TO SP SCIENCE	04.0 CR		
1	02.00	MT THF	COMM 1006	HOSHIKO MICHAEL S
212	ARTIC PROB DELAY SP	04.0 CR		
	PREREQ SP&A 200 OR CONCURRENT ENROLLMENT IN 200			
1	10.00	MT THF	COMM 1007	BLACHE STEPHEN
2	11.00	MT THF	COMM 1007	PACE SUE ANN
319	STUTTERING	04.0 CR		
	PREREQ SP&A 212 OR CONSENT OF INSTR			
1	01.00	MT THF	COMM 1006	BRUTTEN GENE
400	IND STUDY-SP&A	01.0 TO 04.0 CR		
	PREREQ ADVANCED STANDING			
1	TO BE ARRANGED			BLACHE STEPHEN E
405C	PRAC SP & HEAR THER	02.0 TO 04.0 CR		
	PREREQ JUNIOR STANDING IN DEPARTMENT			
1	TO BE ARRANGED			DYBKA MICHAEL
2	10.00	M TH	COMM 1006	
3	06.00-08.00 PM	T	COMM 1017	HALL DONALD
420	CLINICAL AUDIOMETRY	04.0 CR		
	PREREQ SP&A 406 AND 416 OR CONSENT OF INSTR			
1	09.00	MT THF	COMM 1006	DYBKA MICHAEL



428	SP CORR FOR CL TCH	04.0 CR				
	PREREQ PRACTISING TEACHER, SR OR GRAD IN EDUC					
1	06.30-09.30 PM M	WHAM 302	ANDERSON JOHN			
515	READINGS IN SP&A	01.0 TO 04.0 CR				
	PREREQ ADVANCED STANDING					
1	TO BE ARRANGED		ANDERSON JOHN			
521	SEM ARTIC & DEL SP	01.0 TO 04.0 CR				
1	01.00-02.50 M TH	COMM 1009	BRACKETT I P			
522C	SEM-ORG SPCH PROB	01.0 TO 04.0 CR				
	PREREQ SP&A 522B OR CONSENT OF INSTR					
1	03.00-04.50 M TH	COMM 1007	PACE SUE ANN			
528	SEM EXPER AUDIOLOGY	04.0 CR				
	PREREQ SP&A 516 OR 520 OR CONSENT OF INSTR					
1	10.00-11.50 T F	COMM 1009	COPELAND ALFRED B			
529C	SEM IN ST BEHAVIOR	01.0 TO 04.0 CR				
	PREREQ SP&A 529B OR CONSENT OF INSTR					
1	01.00-02.50 T TH	COMM 2012	BRUTTEN GENE			
530	RES PROB IN SP&A	01.0 TO 04.0 CR				
	PREREQ ADVANCED STANDING					
1	TO BE ARRANGED		ANDERSON JOHN			
531	SEM IN EXPER PHON	01.0 TO 04.0 CR				
1	10.00-11.50 M TH	COMM 1009	HOSHIKO MICHAEL S			
599	THESIS	02.0 TO 09.0 CR				
1	TO BE ARRANGED					
600	DISSERTATION	01.0 TO 48.0 CR				
1	TO BE ARRANGED		MONCUR JOHN			

## Theater (THEA)

111A	STAGING TECHNIQUES	03.0 CR				
1	09.00 M W F	LAWSON 231	SCHACKE ROBERT			
	03.00 W	COMM 1037	SCHACKE ROBERT			
2	09.00 M W F	LAWSON 231	SCHACKE ROBERT			
	03.00 F	COMM 1037	SCHACKE ROBERT			
3	09.00 M W F	LAWSON 231	SCHACKE ROBERT			
	03.00 M	COMM 1037	SCHACKE ROBERT			
111B	STAGING TECHNIQUES	03.0 CR				
1	03.00-04.50 T	COMM 1037				
	12.00 M W F	COMM 1037				
2	03.00-04.50 TH	COMM 1037				
	12.00 M W F	COMM 1037				
111C	STAGING TECHNIQUES	03.0 CR				
1	03.00 MTWTHF	COMM 2041	HORN BOBBY			
203	VOICE AND DICTION	04.0 CR	-(ELECTIVE PASS/FAIL)			
1	09.00 MTWTH	COMM 1045				
2	01.00 MTWTH	COMM 2040				
213	STAGE MOVEMENT	03.0 CR				
1	12.00 MTWTHF	PULL 42	LOGAN MOIRA			
	CROSSLISTED WITH PEM & PEW 213					
217	ACTING	04.0 CR	-(MANDATORY PASS/FAIL)			
1	03.00 TWTHF	COMM 1045	LOGAN MOIRA			
230A	BEGIN TECH BALLET	02.0 CR				
1	03.00-04.30 MTWTH	GYM 206	ALLENTUCK CONSTANCE			
	CROSSLISTED WITH PEW 230A					
230B	INTERMED&ADV BALLET	02.0 TO 22.0 CR				
	PREREQ THEA 230A OR CONSENT OF INSTR					
1	04.00-05.30 MTWTH	GYM 206	LOGAN MOIRA			
	CROSSLISTED WITH PEW 230B					
240	THEO-TECH CONT DNCE	02.0 TO 24.0 CR				
1	10.00-11.30 TWTHF	PULL 42	GORDON L			
	CROSSLISTED WITH PEW 240					
308	DRAMATIC ACTIVITIES	01.0 TO 03.0 CR				
1	07.35-09.00 PM T TH	COMM 1045	SCHACKE ROBERT			
311	INT TO PLAYWRITING	04.0 CR				
	PREREQ 1 COURSE IN DRAMATIC LIT AND CONSENT OF INSTR					
1	09.00 MTWTH	COMM 1017	MOE CHRISTIAN H			

322	THEATRE PRACTICUM	02.0 TO 14.0 CR		
1	10.00-11.50	MTWTHF	PULL 42	GORDON LONNY
354B	HIST OF THE THEATRE		03.0 CR	
1	12.00	M W F	LAWSON 231	RAPHAEL JAY
379	PRECLASS DANCE FORM		03.0 CR	
	PREREQ THEA 230			
1	02.00	MT TH	PULL 42	LOGAN MOIRA
402A	PLAY DIRECTING		04.0 CR	-(ELECTIVE PASS/FAIL)
1	11.00	MTW F	COMM 1045	HARRISON EELIN S
402B	PLAY DIRECTING		04.0 CR	-(ELECTIVE PASS/FAIL)
1	10.00	MTWTH	COMM 1045	
404	THEATRE MANAGEMENT		04.0 CR	
1	12.00	MTWTH	COMM 1017	MOE CHRISTIAN
407	SOUND IN THEATER		01.0 CR	
	PREREQ THEA 111A, 111B			
1	10.00-11.50	W	COMM 2042	
410	CHILDRENS THEATRE		03.0 CR	
1	02.00	M W F	COMM 2040	
415	COSTUME DESIGN		04.0 CR	
	PREREQ THEA 414			
1	10.00	MTWTH	COMM 2041	HARRISON
416	THEORIES OF DANCE		04.0 CR	
1	01.00	MTWTH	GYM 206	GORDON LONNY
	CROSSLISTED WITH PEM & PEW 416			
417	ADVANCED ACTING		04.0 CR	-(MANDATORY PASS/FAIL)
	PREREQ THEA 217 & 317			
1	01.00-02.50	T TH	COMM 1037	RAPHAEL JAY E
438	CONTEMP DEVEL THEA		04.0 CR	
1	04.00-05.50	T F	COMM 1006	PAYNE DARWIN R
490	TV-THEA WORKSHOP		04.0 TO 08.0 CR	
	PREREQ SENIOR STANDING AND CONSENT OF DEPARTMENT			
1	TO BE ARRANGED			PAYNE DARWIN R
502	ADV DIRECTING		04.0 CR	
1	09.00	MTW F	COMM 1037	
503C	COSTUME DESIGN		04.0 CR	
	PREREQ CONSENT OF DEPT & GRAD STANDING			
1	04.00-06.00	M W	COMM 2041	HARRISON
505	THE TRAGIC THEATRE		04.0 CR	
1	03.00	MTWTH	COMM 1017	RAPHAEL JAY
519	THEATRE PRACTICUM		01.0 TO 12.0 CR	
1	10.00-11.50	MTWTHF	PULL 42	GORDON L
526	SEM IN THEATRE ARTS		03.0 TO 12.0 CR	
	PREREQ GRAD STANDING & CONSENT OF DEPARTMENT			
1	09.00-11.50	S	COMM 2012	MCLEOD ARCHIBALD
530	RESEARCH PROBLEMS		01.0 TO 04.0 CR	
1	TO BE ARRANGED			MOE CHRISTIAN H
599	THESIS		01.0 TO 09.0 CR	
1	TO BE ARRANGED			MOE CHRISTIAN H

#### University (UNIV)

240	PRIVATE PILOT		04.0 CR	
1	12.00	M W F	FLIGHT 17	FLANNIGAN
2	04.00	M W F	FLIGHT 17	PATCHETT
	FLIGHT TIME TO BE ARRANGED			
241	BASIC FLIGHT		03.0 CR	
	PREREQ UNIV 240 OR PRIVATE LICENSE			
1	12.00	T TH	FLIGHT 17	JACKMAN
	FLIGHT TIME TO BE ARRANGED			
242	INTERMEDIATE FLIGHT		03.0 CR	
	PREREQ UNIV 241			
1	01.00	T TH	FLIGHT 17	JACKMAN
	FLIGHT TIME TO BE ARRANGED			
243	ADVANCED FLIGHT		03.0 CR	
	PREREQ UNIV 242			
1	02.00	T TH	FLIGHT 17	FLANNIGAN
	FLIGHT TIME TO BE ARRANGED			

244	INSTRUMENT FLIGHT	04.0 CR	
	PREREQ UNIV 243 OR COMMERCIAL PILOT CERTIFICATE		
1	01.00 M W F FLIGHT 17	JACKMAN	
	FLIGHT TIME TO BE ARRANGED		
245	FLT INSTR-AIRPLANE	03.0 CR	
	PREREQ COMMERCIAL PILOT CERTIFICATE		
1	TO BE ARRANGED	PATCHETT	
	FLIGHT TIME TO BE ARRANGED		
246	FLT INSTR- INST	01.0 CR	
	PREREQ FLT INST & COMM PILOT CERTIFICATE WITH INST RATING		
1	TO BE ARRANGED	SCHUETZ	
	FLIGHT TIME TO BE ARRANGED		
247	MULTI-ENG PILOT	01.0 CR	
	PREREQ PRIVATE OR COMMERCIAL PILOT CERTIFICATE		
1	TO BE ARRANGED	PATCHETT	
	FLIGHT TIME TO BE ARRANGED		
248	TRANSPORT PILOT	03.0 CR	
	PREREQ COMPLETION OF FAA REQUIREMENTS PER FAR 61		
1	TO BE ARRANGED	PATCHETT	
	FLIGHT TIME TO BE ARRANGED		
300	STUDENT GOVERNANCE	03.0 CR	-(MANDATORY PASS/FAIL)
1	TO BE ARRANGED	COX LARRY M	

### Zoology (ZOO)

317A	DIVERSITY OF ANIMAL	05.0 CR	
	PREREQ GSA 115 OR EQUIV		
1	11.00 T TH	LAWSON 231	BLACKWELDER R E
	08.00-09.50 M W F	LS II 251	
2	11.00 T TH	LAWSON 231	BLACKWELDER R E
	10.00-11.50 M W F	LS II 251	
3	11.00 T TH	LAWSON 231	BLACKWELDER R E
	01.00-02.50 M W F	LS II 251	
317B	DIVERSITY OF ANIMAL	05.0 CR	
	PREREQ ZOO 317A		
1	09.00 T TH	LAWSON 231	GEORGE WILLIAM
	08.00-09.50 M W F	LS II 253	
2	09.00 T TH	LAWSON 231	GEORGE WILLIAM
	10.00-11.50 M W F	LS II 253	
3	09.00 T TH	LAWSON 231	GEORGE WILLIAM
	01.00-02.50 M W F	LS II 253	GEORGE WILLIAM
318B	VERTEBRATE ANATOMY	04.0 CR	
	PREREQ ZOO 318A		
1	03.00-04.50 M W F	LS II 325	BRANDON RONALD A
	03.00 TH	LS II 325	
322	PROBLEMS IN ZOOLOGY	02.0 TO 05.0 CR	
	PREREQ 4.25 GPA, SENIOR STANDING, AND DEPT OR FAC APPROVAL		
1	TO BE ARRANGED		
340	TELEOLOG&OPT-BIO SY	03.0 CR	
	PREREQ ANY 2 OF BIOL 305, 306, 307, 308		
1	01.00 M W	LS II 330	
	01.00 F	LS II 350	
351	ECOLOGICAL METHODS	05.0 CR	
	PREREQ BIOL 307, ZOO 317		
1	08.00-11.50 T TH	LS II 253	LEFEBVRE EUGENE A
	10.00 F	LS II 330	LEFEBVRE EUGENE A
382	ZOO SENIOR SEMINAR	01.0 CR	-(MANDATORY PASS/FAIL)
	PREREQ SENIOR STANDING		
1	11.00 T	LS II 330	
2	11.00 F	LS II 330	
3	12.00 W	LS II 330	
4	12.00 TH	LS II 330	
5	04.00 W	LS II 330	



403	NAT HIST VERT				04.0 CR	
	PREREQ ZOO 317B					
1	12.00	M W	LS II	350	PETERSEN BRUCE W	
	01.00-04.50	TH	LS II	310		
2	12.00	M W	LS II	350	PETERSEN BRUCE W	
	08.00-11.50	TH	LS II	310		
404	ZOOLOGY FIELD STUD	02.0 TO 12.0	CR			
	PREREQ CONSENT OF INSTK					
1	TO BE ARRANGED					
407	PARASITOLOGY			05.0 CR		
	PREREQ ZOO 317A					
1	09.00	T TH	LS II	330	GAROIAN GEORGE	
	09.00-10.50	M W F	LS II	369		
78	HERPETOLOGY			04.0 CR		
	PREREQ ZOO 317B					
1	11.00	M W	LS II	330	BRANDON RONALD A	
	10.00-11.50	T TH	LS II	325		
425B	GENETIC METHODS			02.0 CR		
	PREREQ ZOO 425A					
1	08.00-09.50	T TH	LS II	320	ENGLERT DUWAYNE C	
426	COMPAR ENDOCRINOLOG			04.0 CR		
	PREREQ BICL 308 & CONSENT OF INSTR					
1	01.00	T THF	LS II	330	SHEPHERD BENJAMIN A	
	01.00-04.50	W	LS II	381	SHEPHERD BENJAMIN A	
461	MAMMALOGY			04.0 CR		
	PREREQ ZOO 317B					
1	02.00	T F	LS II	330	STAINS HOWARD JAMES	
	01.00-04.50	M	LS II	310	STAINS HOWARD JAMES	
467	ORNITHOLOGY			04.0 CR		
	PREREQ ZOO 317B					
1	08.00	M W	LS II	350	GEORGE WILLIAM	
	06.00-09.50	F	LS II	310	GEORGE WILLIAM	
471	ENTOMOLOGY			04.0 CR		
	PREREQ ZOO 317A					
1	03.00	T F	LS II	350	MCPHERSON JOHN E	
	02.00-03.50	M W	LS II	304	MCPHERSON JOHN E	
508	HELMINTHOLOGY			04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	11.00	M W	LS II	350	DYER WILLIAM G	
	11.00-12.50	T TH	LS II	369	DYER WILLIAM G	
509	HISTOCHEMISTRY			03.0 CR		
	PREREQ ZOO 409 AND CHEM 305A,B OR CONSENT OF INSTR				MARTAN	
1	TO BE ARRANGED					
521	ADVANCED LIMNOLOGY			04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	10.00	T TH	LS II	330	STAHL JOHN B	
	08.00-11.50	F	LS II	304	STAHL JOHN B	
540	FACTORS ANIMAL REPR			03.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	10.00	M W F	LS II	350		
566	FISH CULTURE			04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	03.00	T F	LS II	330	LEWIS WILLIAM M	
	01.00-04.50	W	LS II	310	HEIDINGER ROY C	
580	ADV SYSTEMATICS			04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED				BLACKWELDER R E	
582	GRAD ZOO SEMINAR			01.0 CR		
1	TO BE ARRANGED					
583C	TEACH ZOO COLL			01.0 CR		
	PREREQ GRAD STATUS IN A BIO SCIENCE					
1	05.00	W	LS II	350	GAROIAN GEORGE	
585K	SEM-MAM PALEO			01.0 TO 03.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED				GALBREATH EDWIN C	
596	SPECIAL RESEARCH			01.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT					
1	TO BE ARRANGED					

599	RESEARCH AND THESIS	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
600	DISSERTATION	01.0 TO 48.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	

### SCHEDULE OF VOCATIONAL-TECHNICAL INSTITUTE COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
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#### General Studies Area A—Man's Physical Environment and Biological Inheritance (GSA)

101	PHYS IN OUR ENVIRON		04.0 CR	
901	09.00	MTWTH	M3	103 HARBISON JAMES L
902	01.00	MTWTH	M3	101 HARBISON JAMES L

#### General Studies Area B—Man's Social Inheritance and Social Responsibilities (GSB)

202	INTRO TO PSYCHOLOGY		04.0 CR	
901	10.00	MTWTH	H9	101
902	11.00	MTWTH	H9	101
903	02.00	MTWTH	H9	103
904	04.00	MTWTH	AVTECH	117
203	THE SOC PERSPECTIVE		04.0 CR	
901	12.00	MTWTH	L3	109
212	AM GOVT & POLITICS		04.0 CR	-(ELECTIVE PASS/FAIL)
901	11.00	MTWTH	H1	124 CISSELL ALLEN P
902	01.00	MTWTH	H1	124 SHIN WANGSHIK
903	02.00	MTWTH	H1	124 CISSELL ALLEN P

#### General Studies Area D—Organization and Communication of Ideas (GSD)

101	ENGLISH COMPOSITION		03.0 CR	
901	08.00	MTW F	H9	101 WRIGHT MARY V
902	08.00	M WTHF	H1	127
903	10.00	MTW F	H1	127
904	11.00	M WTHF	H1	127
905	12.00	MTW F	H1	127
906	03.00	MTW F	H1	127
907	03.00	MTW F	AVTECH	116
102	ENGLISH COMPOSITION		03.0 CR	
901	10.00	M WTHF	H1	126 CROWE CHARLES T
902	01.00	MTW F	H4	233 WRIGHT MARY V
903	02.00	MTW F	H1	127
904	04.00	MTW F	AVTECH	116
106	INTERMEDIATE MATH		00.0 CR	
901	TO BE ARRANGED			
153	PUBLIC COMM		03.0 CR	
901	08.00	MTWTH	AVTECH	117 ENOCH ROY H
902	10.00	MTWTH	H3	151 WORKUN ARTHUR
903	12.00	MTWTH	H3	151 WORKUN ARTHUR
904	02.00	MTWTH	TESTER	151 WORKUN ARTHUR

#### Mathematics (MATH)

111A	COL ALGEBRA TRIG		05.0 CR	
901	09.00	MTWTHF	M1	112 BLEYER DOROTHY
902	01.00	MTWTHF	M3	103 CRENSHAW J HOWARD
111B	COL ALGEBRA TRIG		05.0 CR	
	PREREQ 111A			
901	10.00	MTWTHF	M3	103 BLEYER DOROTHY

## Accounting (\*ACC)

2018	ACCOUNTING			04.0	CR	
1	09.00	MTWTHF	F1	108	MARKWELL JAMES K	
230	AUDITING			04.0	CR	
	PREREQ	*ACC 204				
1	08.00	MTWTHF	F1	108	MARKWELL JAMES K	
275	CREDITS & COLLECT			04.0	CR	
	PREREQ	*ACC 101C				
1	11.00	MTWTHF	F1	111	VAUGHN FRANK EUGENE	

## Architectural Technology (\*AD)

121	ARCHITECT DESIGN			05.0	CR	
	PREREQ	*AD 110B, *AD 146B OR CONSENT OF ADVISER				
1	09.00-11.50	M W F	M1	108	RUTLEDGE CLIFTON D	
2	09.00-11.50	M W F	H EC	304	SWENSON ROBERT H	
3	02.00-04.50	M W F	H1	237	LADNER J BROOKS	
4	02.00-04.50	M W F	M1	108	RUTLEDGE CLIFTON D	
150	BASIC CONSTRUCTION			03.0	CR	
1	08.00	M W F	H EC	203	SWENSON ROBERT H	
151	MAT & METH OF CONST			05.0	CR	
	PREREQ	*AD 110A OR CONSENT OF ADVISER				
1	08.00-11.50	T TH	M1	108	SWENSON ROBERT H	
	12.00	T	M1	112	SWENSON ROBERT H	
2	08.00-11.50	T TH	H1	237		
	12.00	F	H EC	304		
3	01.00-04.50	T TH	M1	108	LITTLE HAROLD EDMOND	
	12.00	TH	M1	112	LITTLE HAROLD EDMOND	
4	01.00-04.50	T TH	H EC	304	LADNER J BROOKS	
	01.00	F	H EC	304	LADNER J BROOKS	
152	SITE ENGINEERING			02.0	CR	
	PREREQ	*AD 110A, MATH 111A OR CONSENT OF ADVISER				
1	08.00-09.50	T TH	L3	119	BASSETT FRANKLIN A	
2	02.00-03.50	T TH	L3	119	BASSETT FRANKLIN A	
153	MECH & STRENGTH-MAT			03.0	CR	
	PREREQ	GSA 101A, MATH 111A OR CONSENT OF ADVISER				
1	12.00	M W F	M1	112	LITTLE HAROLD EDMOND	
2	01.00	M W F	M1	112	RUTLEDGE CLIFTON D	
221C	ARCHITECTURAL DES			05.0	CR	
	PREREQ	*AD 221B				
1	08.00-10.50	M W F	M1	113		
2	02.00-04.50	M W F	M1	113	LETE JOSEPH	
250C	MAT & METH OF CONST			05.0	CR	
	PREREQ	*AD 250B				
1	08.00-11.50	T TH	M1	113	LETE JOSEPH R	
	01.00	W	M1	113	LETE JOSEPH R	
2	01.00-04.50	T TH	M1	113	LITTLE HAROLD	
	01.00	W	M1	113	LITTLE HAROLD	
254	MECH EQUIP OF BLDGS			03.0	CR	
	PREREQ	FOURTH QTR STATUS IN CONCENTRATION OR CONSENT OF ADV				
1	12.00	M W F	M1	113	LETE JOSEPH R	
285	SPEC PROB IN ARCHIT			02.0	CR	
	PREREQ	FIFTH QTR STATUS IN CONCENTRATION OR CONSENT OF ADV				
1	01.00	M F	M1	113		
290B	STRUCT THE-WD & STL			03.0	CR	
	PREREQ	*AD 290A				
1	11.00	M W F	M1	113	LITTLE HAROLD EDMOND	

## Aviation Technology (\*AT)

110	AIRC STRUCT-FAB&REP			06.0	CR	
1	01.00	MTWTHF	AVTECH	106	KOLKMEYER ROBERT O	
	02.00-04.50	T TH	AVTECH	131	KOLKMEYER	



2	01.00	MTWTHF	AVTECH	106	KOLKMEYER ROBERT O
	02.00-03.50	M W F	AVTECH	131	KOLKMEYER ROBERT O
111	MATERIALS & PROCESS			05.0	CR
1	02.00	MTWTHF	AVTECH	106	ELLINGSWORTH DAVID A
	09.00-10.50	M W F	AVTECH	135	ELLINGSWORTH DAVID A
112	AIRCRAFT ELECT-BASIC			06.0	CR
1	01.00-02.50	M W F	AVTECH	128	LEE DONALD BRUCE
	03.00	MT THF	AVTECH	106	LEE DONALD BRUCE
113	AIRCRAFT INSTRUMENT			04.0	CR
1	09.00	T TH	AVTECH	116	SCHAFER
	10.00-11.50	T	AVTECH	127	SCHAFER
	12.00	T TH	AVTECH	106	SCHAFER
114	AIRCRAFT WT & BAL			05.0	CR
1	08.00	MTWTHF	AVTECH	116	CANNON RICHARD H
	09.00-10.50	M	AVTECH	131	CANNON RICHARD H
201	APPLIED SCIENCE			04.0	CR
1	11.00	MTWTH	AVTECH	117	KOLKMEYER ROBERT O
202	AIRCRAFT ELEC SYS			04.0	CR
	PREREQ *AT 112				
1	09.00	T TH	AVTECH	106	LEE DONALD BRUCE
	04.00	F	AVTECH	106	LEE DONALD BRUCE
	10.00-11.50	W F	AVTECH	128	LEE DONALD BRUCE
2	12.00	M W F	AVTECH	106	LEE DONALD
	10.00-11.50	T TH	AVTECH	128	LEE DONALD
203	AERODYNAMICS			05.0	CR
1	09.00	M W F	AVTECH	116	
	02.00-03.50	M F	AVTECH	135	
2	09.00	M W F	AVTECH	116	
	10.00-11.50	M TH	AVTECH	135	
204	AIRCRAFT HYDRAULICS			04.0	CR
1	11.00	M W F	AVTECH	106	OHMAN LENNART R
	09.00-10.50	M F	AVTECH	132	OHMAN LENNART R
2	11.00	M W F	AVTECH	106	OHMAN LENNART R
	01.00-02.50	M F	AVTECH	132	OHMAN LENNART R
205	CAB ENVIRONMENT SYS			03.0	CR
1	02.00	TWTH	AVTECH	116	OHMAN LENNART R
	03.00-04.50	T	AVTECH	135	OHMAN LENNART R
2	02.00	TWTH	AVTECH	116	OHMAN LENNART R
	03.00-04.50	TH	AVTECH	135	OHMAN LENNART R
206	METAL & PROCESSING			05.0	CR
1	10.00	W	AVTECH	106	RICH DAVID LOUIS
	11.00	T TH	AVTECH	106	RICH DAVID LOUIS
	08.00-10.50	T TH	AVTECH	135	RICH DAVID LOUIS
2	10.00	W	AVTECH	106	RICH DAVID LOUIS
	08.00-10.50	M F	AVTECH	135	RICH DAVID LOUIS
	11.00	T TH	AVTECH	106	RICH DAVID LOUIS
207	AIRCRAFT INSPECTION			02.0	CR
1	08.00-10.50	T TH	AVTECH	135	ELLINGSWORTH DAVID A
	03.00-04.50	T	AVTECH	135	ELLINGSWORTH DAVID A
	01.00	T	AVTECH	117	CANNON RICHARD H
2	01.00-04.50	M F	AVTECH	135	CANNON RICHARD H
	01.00	T	AVTECH	117	CANNON RICHARD H
210	AIRCRAFT IGNITION			04.0	CR
1	10.00	M W F	AVTECH	117	
	08.00-09.50	M W F	AVTECH	128	
2	12.00	M W F	AVTECH	116	
	01.00-03.50	T TH	AVTECH	128	
211	RECIPROCAT PWRPLNTS			05.0	CR
1	08.00-10.50	M W F	AVTECH	134	BURKEY PAUL D
	03.00	M W F	AVTECH	117	BURKEY PAUL D
2	12.00-02.50	M W F	AVTECH	134	BURKEY PAUL D
	03.00	M W F	AVTECH	117	BURKEY PAUL D
212	CARBURETION & LUB			05.0	CR
1	08.00-09.50	T TH	AVTECH	119	
	01.00-02.50	W	AVTECH	119	
	12.00	T TH	AVTECH	116	
	04.00	F	AVTECH	117	
2	10.00-11.50	T	AVTECH	119	

		02.00-03.50	T TH	AVTECH	119	
		12.00	T TH	AVTECH	116	
		04.00	F	AVTECH	117	
214	PROPELLERS			04.0	CR	
1	08.00-09.50	T TH	AVTECH	118	BURKEY PAUL D	
	11.00	T TH	AVTECH	106	BURKEY PAUL D	
	03.00	T TH	AVTECH	117	BURKEY PAUL D	
2	12.00	T	AVTECH	106	RICH DAVID	
	02.00-03.50	T TH	AVTECH	118	RICH DAVID	
	04.00	T TH	AVTECH	117	RICH DAVID	
215	PWRPLANT TEST&INSP			04.0	CR	
	PREREQ 1ST,2ND, 5TH QTRS		COURSES			
1	08.00-10.50	M W F	AVTECH	135	SCHAFFER JOSEPH ALLEN	
	11.00	M W F	AVTECH	116	SCHAFFER JOSEPH ALLEN	
2	11.00	M W F	AVTECH	116	SCHAFFER JOSEPH ALLEN	
	02.00-04.50	M W F	AVTECH	135	SCHAFFER JOSEPH ALLEN	
216	JET PROPUL PWRPLANT			06.0	CR	
1	01.00	MTWTHF	AVTECH	116	DAROSA EDMUND A	
	02.00-03.50	M W F	AVTECH	133	DAROSA EDMUND A	
2	01.00	MTWTHF	AVTECH	116	DAROSA EDMUND A	
	09.00-10.50	TWTH	AVTECH	133	CANNON RICHARD	
220	JET TRAN SYS & FFDO			04.0	CR	
1	08.00	F	AVTECH	119	OHMAN LENNART R	
	03.00-04.50	W	AVTECH	119	OHMAN LENNART R	
2	01.00	WTH	AVTECH	117	OHMAN LENNART R	
	01.00-02.50	M	AVTECH	119	OHMAN LENNART R	
	03.00	F	AVTECH	119	OHMAN LENNART R	

#### Automotive Technology (\*AUT)

101A	BASIC AUTO LAB			05.0	CR	
	PREREQ	CONCURRENT ENROLLMENT IN 125A				
1	11.00-01.50	MTWTHF	L2	108	FERGUSON WALTER W	
101B	BASIC AUTO LAB			05.0	CR	
	PREREQ	CONCURRENT ENROLLMENT IN 125B				
1	08.00-10.50	MTWTHF	L1	108	RUNKLE LEWIS CHARLES	
101C	BASIC AUTO LAB			05.0	CR	
	PREREQ	*AUT 101A OR 101B, CONCURRENT ENROLLMT IN *AUT 125C				
1	08.00-10.50	MTWTHF	L2	108	ROMACK CHARLES	
2	02.00-04.50	MTWTHF	L2	108	WHITE JAMES EDWIN	
125A	BASIC AUTO THEORY			05.0	CR	
	PREREQ	CONCURRENT ENROLLMENT IN 101A				
1	03.00	MTWTHF	L2	105	FERGUSON WALTER W	
125B	BASIC AUTO THEORY			05.0	CR	
	PREREQ	CONCURRENT ENROLLMENT IN 101B				
1	01.00	MTWTHF	L2	105	RUNKLE LEWIS CHARLES	
125C	BASIC AUTO THEORY			05.0	CR	
	PREREQ	*AUT 125A OR 125B, CONCURRENT ENROLLMT IN *AUT 101C				
1	11.00	MTWTHF	L2	105	WHITE JAMES EDWIN	
2	02.00	MTWTHF	L2	105	ROMACK CHARLES	
201A	ADVANCED AUTO LAB			05.0	CR	
	PREREQ	*AUT 101C, CONCURRENT ENROLLMT IN *AUT 220A				
1	01.00-03.50	MTWTHF	L2	102	KAZDA JOSEPH G	
201B	ADVANCED AUTO LAB			05.0	CR	
	PREREQ	*AUT 101C, CONCURRENT ENROLLMT IN *AUT 220B				
1	09.00-11.50	MTWTHF	L2	102	WILLEY LUCIAN D	
201C	ADVANCED AUTO LAB			05.0	CR	
	PREREQ	CONCURRENT ENROLLMT IN *AUT 220C				
1	02.00-04.50	MTWTHF	L1	108	SHELTON EVERETT E	
220A	ADV AUTO THEORY			05.0	CR	
	PREREQ	*AUT 125C, CONCURRENT ENROLLMT IN *AUT 201A				
1	04.00	MTWTHF	L2	105	KAZDA JOSEPH G	
	MUST BE TAKEN CONCURRENTLY WITH *AUT 201A					



220B ADV AUTO THEORY 05.0 CR  
 PREREQ \*AUT 125C, CONCURRENT ENROLLMT  
 IN \*AUT 2018  
 1 08.00 MTWTHF L2 105 WILLEY LUCIAN D  
 MUST BE TAKEN CONCURRENTLY WITH  
 \*AUT 2018  
 220C ADV AUTO THEORY 05.0 CR  
 PREREQ \*AUT 125B AND 125C, CONCURRENT  
 ENROLLMT IN \*AUT 201C  
 1 10.00 MTWTHF L2 105 SHELTON EVERETT E  
 MUST BE TAKEN CONCURRENTLY WITH  
 \*AUT 201C

### Commercial Graphics (\*CG)

103 LITH & PLATE MKG LAB 06.0 CR  
 PREREQ CONCURRENT ENROLLMENT IN \*CT  
 127  
 1 09.00-11.50 M WTHF L3 110 CONRELL H EDGAR  
 08.00-11.50 T L3 110  
 127 LITH & PLATE MKG THE 03.0 CR  
 PREREQ CONCURRENT ENROLLMENT IN \*CG  
 103  
 1 08.00 M W F L3 109 CORNELL H EDGAR  
 140 AIRBRUSH & RETOUCH 05.0 CR  
 PREREQ \*CG 130 AND 132, CONCURRENT EN  
 ROLLMENT IN \*CG 142  
 1 08.00-10.50 M W F N1 101 YACK JOHN L  
 2 01.00-03.50 T TH N1 101 YACK JOHN L  
 \*CG 140 SWITCHES WITH \*CG 142 ON ALTER-  
 NATE WEEKS  
 142 GRAPIC PRODUCTION 05.0 CR  
 PREREQ \*CG 130 AND 132, CONCURRENT EN  
 ROLLMENT IN \*CG 140  
 1 08.00-10.50 T TH N1 101 KNUTSEN SUE M  
 2 01.00-03.50 M W F N1 101 KNUTSEN SUE M  
 \*CG 142 SWITCHES WITH \*CG 140 ON ALTER-  
 NATE WEEKS  
 203 PRODUC & FINISH LAB 06.0 CR  
 PREREQ CONCURRENT ENROLLMENT IN \*CG 2  
 27  
 1 02.00-04.50 MTW F L3 110 MOORE  
 01.00-04.50 TH L3 110 MOORE  
 210C GRAPHIC DES-AD ILLU 06.0 CR  
 PREREQ \*CG 210B, CONCURRENT ENROLLMEN  
 T IN \*CG 220B  
 1 08.00-11.50 M W F N1 107 MARTIN KENNETH D  
 \*CG 210C SWITCHES WITH \*CG 220B ON ALTER  
 NATE WEEKS  
 220B TECHNICAL ILLUS 06.0 CR  
 PREREQ \*CG 220A, CONCURRENT ENROLLMEN  
 T IN \*CG 210C  
 1 08.00-11.50 T TH N1 107 MARTIN KENNETH D  
 \*CG 220B SWITCHES WITH \*CG 210C ON ALTER  
 NATE WEEKS  
 227 PRODUC & FIN THEORY 03.0 CR  
 PREREQ CONCURRENT ENROLLMENT IN \*CG  
 203  
 1 01.00 M W F L3 110 MOORE  
 240 SPECIAL STUDY 03.0 CR  
 PREREQ STAFF APPROVAL  
 1 12.00 M W F N1 107  
 245 JOB ORIENTATION 01.0 CR  
 PREREQ \*CG 210B AND 220A, CONCURRENT  
 ENROLLMENT IN \*CG 210C  
 1 12.00 TH N1 107 MARTIN KENNETH  
 251 ESTIMATING AND COST 03.0 CR  
 PREREQ CONCURRENT ENROLLMENT IN \*CG  
 203 AND 227  
 1 11.00 M W F L4 106 CORNELL EDGAR



# Corrections and Law Enforcement (\*CLE)

113	CORRECTIONS & COMM			04.0 CR	
1	06.30-10.00 PM	T	HI	124	WALLACE MELVIN
210	CRIMINAL LAW II			04.0 CR	
	PREREQ *CLE 209				
1	06.30-10.00 PM	TH	HI	124	
213	SPECIAL PROBLEMS			04.0 CR	
1	06.30-10.00 PM	M	HI	124	ALEXANDER ROBERT W
215	INTERNSHIP		06.0 TO	12.0 CR	
	PREREQ FOURTH QUARTER STATUS				
1	TO BE ARRANGED				WALLACE MELVIN

# Construction Technology (\*CST)

101C	SURVEYING			06.0 CR	
	PREREQ *CST 101B OR CONSENT OF INSTR				
1	01.00-03.50	M W F	L3	119	STALEY GLENN L
104	BLDG CONSTR SURVEY			04.0 CR	
1	08.00-10.50	T TH	L3	120	BASSETT FRANKLIN A
2	02.00-04.50	T TH	L3	120	BASSETT FRANKLIN A
105B	STRUCTURAL DRAFTING			04.0 CR	
1	09.00-11.50	M W	L3	119	STALEY GLENN L
107	SOILS			05.0 CR	
1	09.00-10.50	T TH	L3	119	STALEY GLENN L
	09.00-11.50	F	L3	119	
110C	BASIC CONSTRUCTION			05.0 CR	
	PREREQ *CST 110B OR CONSENT OF INSTR				
1	09.00-11.50	M W F	L4	108	OSBORN HAROLD
	11.00	T TH	L4	106	OSBORN HAROLD
210C	ADVANCED CONSTRUCT			05.0 CR	
	PREREQ *CST 210B OR CONSENT OF INSTR				
1	01.00-03.50	T TH	L4	108	OSBORN HAROLD
	01.00	M W F	L4	106	OSBORN HAROLD
213A	STRUCTURAL DESIGN			03.0 CR	
1	10.00	M W F	L3	120	BASSETT FRANKLIN A
213B	STRUCTURAL DESIGN			05.0 CR	
1	10.00-11.50	MTWTHF	L3	120	BASSETT FRANKLIN A

# Dental Hygiene (\*DH)

137B	PRE-CLIN DENTAL HYG			05.0 CR	
	PREREQ *DH 137A				
1	09.00-11.50	T	F1	109	HOPPE MARILYN
	09.00-11.50	TH	F1	109	HOPPE MARILYN
2	09.00-11.50	T	F1	109	HOPPE MARILYN
	01.00-03.50	TH	F1	109	HOPPE MARILYN
138	PATHOLOGY			03.0 CR	
	PREREQ *DH 133, *DH 134				
1	08.00	M W F	F1	110	AZEVADO ALLAN B
139	DENTAL NUTRITION			03.0 CR	
	PREREQ *GEN 115B				
1	01.00-03.50	T	F1	110	NIEMAN JANICE
210D	CLINICAL DENTAL HYG			05.0 CR	
	PREREQ *DH 210B				
1	09.00-11.50	MTW F	F3	132	
	12.00	F	F1	110	NIEMAN JANICE
2	01.00-03.50	MTW F	F3	132	
	12.00	F	F1	110	NIEMAN JANICE
213	DENTAL ASSISTING			03.0 CR	
	PREREQ *DH 201				
1	09.00-11.50	TH	F1	110	AZEVADO ALLAN B
215	ETHICS & JURISPRUD			02.0 CR	
1	12.00	M W	F1	110	NIEMAN JANICE ANN
219	ORIENT-PRIVATE PRAC			02.0 CR	
1	01.00-02.50	TH	F1	110	BUSHEE ELEANOR JANE

## Electronic Data Processing (\*DP)

101	AUTO DATA PROC MACH			05.0 CR	
1	08.00	MT THF	H4	134	
	MINIMUM OF THREE LAB HOURS	TBA			
2	01.00	MT THF	H4	134	ROBB JAMES
	MINIMUM OF THREE LAB HOURS	TBA			
104	D P APPLICATIONS			05.0 CR	
	PREREQ *DP 101				
1	11.00	MTWTHF	H4	134	FITZPATRICK MICHAEL
107	AUTO DP CONCEPTS			03.0 CR	
1	12.00	M W F	H4	134	
	12.00	T TH	H8	235	
201A	PROGRAM OPER SYSTEM			05.0 CR	
	PREREQ *DP 101				
1	12.00	MT THF	H4	133	
	MINIMUM OF THREE LAB HOURS	TBA			
201C	PROGRAM OPER SYSTEM			05.0 CR	
	PREREQ *DP 201B				
1	11.00	MT THF	H4	133	DICK ROBERT
	MINIMUM OF THREE LAB HOURS	TBA			
203A	AS LANG 360/40 PROG			05.0 CR	
	PREREQ *DP 201A				
1	11.00	MT THF	H4	133	
	MINIMUM OF THREE LAB HOURS	TBA			
204A	COBOL 360/40 PROG			05.0 CR	
	PREREQ *DP 201A				
1	09.00	MT THF	H4	133	DICK ROBERT OLIVER
	MINIMUM OF THREE LAB HOURS	TBA			
207	DP FIELD PROJ			05.0 CR	
	PREREQ *DP 201A				
1	TO BE ARRANGED				
	*DP 207 BY APPOINTMENT ONLY				
208B	DP & NUM CONT PROG			03.0 CR	
	PREREQ *DP 208A				
1	02.00	M W F	H4	133	FITZPATRICK MICHAEL
	02.00	T TH	H8	140	
235	BUSINESS STATISTICS			04.0 CR	
	PREREQ *SCR 126				
1	10.00	MTWTH	H4	233	VAUGHN EUGENE
2	12.00	MTWTH	H4	233	VAUGHN EUGENE

## Dental Laboratory Technology (\*DT)

104B	CCMP DENT THE & LAB			06.0 CR	
1	08.00-11.50	M W F	F3	127	BYKOWSKI
2	01.00-04.50	M W F	F3	128	SAINT
113A	SCIENCE DENT MATLS			03.0 CR	
1	11.00	M W F	F1	110	LEEBENS
2	01.00	M W F	F1	110	LEEBENS
114	DENTAL LAB PROBLEMS			02.0 CR	
1	10.00	T TH	F1	111	LEEBENS
2	02.00	T TH	F1	111	LEEBENS
203	ORTHO & PEDODONTICS			04.0 CR	
1	08.00-11.50	T TH	F3	127	BYKOWSKI
2	01.00-04.50	T TH	F3	128	SAINT
206B	DENTAL CERAMICS			06.0 CR	
1	08.00-11.50	M W F	F3	128	LAAKE
2	01.00-04.50	M W F	F3	127	
208	PREC ATTACH-THE&LAB			04.0 CR	
1	08.00-11.50	T TH	F3	128	LAAKE
2	01.00-04.50	T TH	F3	127	

## Electronics Technology (\*ELT)

101C	BASIC ELECTRON LAB			04.0 CR	
	PREREQ	CONSENT OF ADVISOR,*ELT 101B &			
		CONCUR ENROLL IN 125C			

1	09.00-10.50	MTWTHF	M3	109	GREEN CHARLES MARION
2	11.00-12.50	MTWTHF	M3	109	
3	01.00-02.50	MTWTHF	M3	109	CALDWELL PAUL NEWELL
125C	BASIC ELECT THEO			05.0 CR	
	PREREQ	125B OR CONSENT OF ADVISOR & C			
		ONCUR ENROLL IN 101C			
1	09.00	MTWTHF	M3	110	
2	12.00	MTWTHF	M3	107	GREEN CHARLES MARION
3	12.00	MTWTHF	M3	110	CALDWELL PAUL NEWELL
201C	ADV ELECTRONICS LAB			04.0 CR	
	PREREQ	201B, CONSENT OF ADVISOR & CON			
		CUR ENROLL IN 225C			
1	09.00-10.50	MTWTHF	M3	112	ICENOGLA DALE F
2	02.00-03.50	MTWTHF	M3	112	
225C	ADV ELECTRON THEORY			05.0 CR	
	PREREQ	225B, CONSENT OF ADVISOR & CON			
		CUR ENROLL IN 201C			
1	10.00	MTWTHF	M3	110	
2	11.00	MTWTHF	M3	110	ICENOGLA DALE F
228	FCC LICENSE TEST			03.0 CR	
	PREREQ	CONSENT OF ADVISOR			
1	08.00	M W F	M3	107	GREEN CHARLES MARION
2	06.00-08.30 PM	M	M3	107	
3	06.00-08.30 PM	W	M3	107	
239	COMPUTER SYS APPLIC			03.0 CR	
	PREREQ	*ELT 201B, 225B OR CONSENT OF			
		ADVISOR			
1	01.00	M W F	M3	110	

#### Media Technology (\*MED)

111	CATALOG-NON-PRINT			04.0 CR	
	PREREQ	*MED 109			
1	08.00	M W	HI	123	
	08.00-09.50	T TH	HI	123	
203B	PREP-MEDIA MATERIAL			04.0 CR	
	PREREQ	MED 203A			
1	03.00	T TH	HI	117	
	02.00-03.50	M W	HI	117	
209	MEDIA INTERN			04.0 TO 12.0 CR	
	PREREQ	20 HRS IN *MED			
1	TO BE ARRANGED				
213B	INTRO TO PHOTOGRAPH			04.0 CR	
	PREREQ	*MED 213A			
1	09.00	M W	HI	117	
	08.00-11.50	F	HI	117	
	ENROLLMENT LIMITED TO *MED MAJORS ONLY				
215	MULTIMED TECHNIQUES			04.0 CR	
	PREREQ	*MED 203,213			
1	01.00	M W	HI	123	WHITE ROBERT L
	01.00-02.50	T TH	HI	123	WHITE ROBERT

#### Mortuary Science (\*MS)

205	PATHOLOGY			04.0 CR	
	PREREQ	*MS 230			
1	11.00	MTWTH	L3	109	HERTZ DONALD G
208	PUB HLTH LAWS & REG			03.0 CR	
1	02.00	M W F	L3	109	HERTZ DONALD GORDON
210B	PSYCH FUNERAL SERV			03.0 CR	
	PREREQ	*MS 210A			
1	10.00	M W F	L3	109	BOULANGER JAY W
225B	EMBALM THEORY & PRAC			04.0 CR	
	PREREQ	*MS 225A			
1	03.00	M W F	L3	109	BOULANGER JAY W
	02.00-04.50	T	L3	106	BOULANGER JAY W
2	03.00	M W F	L3	109	BOULANGER JAY W
	02.00-04.50	TH	L3	106	BOULANGER JAY W
250	MORTUARY MANAGEMENT			05.0 CR	
1	01.00	MTWTHF	L3	109	HERTZ DONALD GORDON



**Machine Drafting and Design Technology (\*MT)**

201C	MACH DRAFTG DESIGN	07.0 CR			
	PREREQ 227 CONCURRENTLY OR CONSENT OF ADVISER				
1	09.00-11.50 MTWTHF M1	101	MUHICH FRANK W		
227	TOOL DESIGN	03.0 CR			
	PREREQ 201C CONCURRENTLY, OR CONSENT OF ADVISER				
1	08.00 M W F M1	107	MUHICH FRANK W		

**Physical Therapy (\*PTH)**

202	PHYS REHAB TECH	03.0 CR			
	PREREQ *PTH 100				
1	12.00 F WHAM	312	OKITA TED Y		
	02.00 W WHAM	312			
	TWO HOUR LAB TO BE ARRANGED				
205	PHYS THERAPY SCIENC	03.0 CR			
	PREREQ PTH 100				
1	02.00 MT F WHAM	312	GREENE BARBARA		
214	PHYS THER SCI PRACT	03.0 CR			
	PREREQ *PTH 207, 209 AND 213				
1	04.00 T WHAM	312	GREENE BARBARA		
	SIX HR LAB TO BE ARRANGED				
221	CLINICAL INTERNSHIP	08.0 CR			
	PREREQ ALL REQUIREMENTS WITH 3.0 GPA				
1	TO BE ARRANGED		OKITA TED Y		
222	CLINICAL SEMINAR	02.0 CR	-(MANDATORY PASS/FAIL)		
	PREREQ CONCURRENT ENROLLMENT IN *PTH 221				
1	TO BE ARRANGED		OKITA TED Y		

**Retailing, Cooperative (\*RET)**

208B	FASHION MERCH	02.0 CR			
1	01.00 M W F1	112	SODERSTROM RUTH B		
215	MARKETING PROBLEMS	04.0 CR			
1	10.00 MTWTH F1	112	SODERSTROM RUTH B		
224	RET STORE ORG & MGT	04.0 CR			
1	11.00 MTWTH TESTER	151	SODERSTROM RUTH B		

**Secretarial and Office Specialities (\*SCR)**

101C	TYPEWRITING	03.0 CR			
1	09.00 MTWTHF F1	121	TOOLEY JAMES E		
2	10.00 MTWTHF F1	121	TOOLEY JAMES E		
104C	SHORTHAND	06.0 CR			
1	12.00-01.50 MTWTHF F1	121	TOOLEY JAMES E		
107	FILING & DUPLICTG	03.0 CR			
	PREREQ 101A OR CONSENT OF ADVISER				
1	01.00 MTWTHF F1	103			
110A	ACCOUNTING	04.0 CR			
1	12.00 MTWTHF F1	111			
2	01.00 MTWTHF F1	111	MARKWELL JAMES K		
110B	ACCOUNTING	04.0 CR			
	PREREQ *SCR 110A				
1	11.00 MTWTHF F1	108	RICHEY HELEN E		
112	JURY CHARGE	04.0 CR			
1	10.00 MTWTHF F1	102	MIRIANI THERESA B		
120C	MACHINE SHORTHAND	06.0 CR			
1	01.00-02.50 MTWTHF F1	102	MIRIANA THERESA B		
126	FUNDAMENTALS OF BUS	03.0 CR			
1	11.00 M W F F1	112	HILL MARVIN P		
150	LEGAL ETHICS	02.0 CR			
1	TO BE ARRANGED		MIRIANI THERESA B		
205B	TYPEWRITING	03.0 CR			
1	10.00 MTWTHF F1	107			

209B	SHORTHAND			06.0	CR	
1	08.00-09.50	MTWTHF	F1	107		
210	TWO-VOICE TESTIMONY			04.0	CR	
1	11.00	MTWTHF	F1	102		MIRIANI THERESA B
214A	COOP SEC EXP			02.0 TO 05.0	CR	
	PREREQ *SCR 104C					
1	TO BE ARRANGED					MIRIANI THERESA B
220A	MACHINE SHORTHAND			05.0	CR	
	PREREQ *SCR 112					
1	08.00-09.50	MTWTHF	F1	102		
223	SECRETAR OFF PROC			05.0	CR	
1	12.00	MTWTHF	F1	107		
225B	MEDICAL SHORTHAND			06.0	CR	
1	03.00-04.50	MTWTHF	F1	103		TOOLEY JAMES E
226A	BUSINESS LAW			04.0	CR	
1	02.00	MTWTH	F1	108		VAUGHN FRANK EUGENE
	ABOVE SECT RESTR TO MORT SCI MAJORS ONLY					
226B	BUSINESS LAW			04.0	CR	
	PREREQ *SCR 226A					
1	12.00	MTWTH	F1	108		VAUGHN FRANK EUGENE
227	OFFICE ADMIN & SUPR			04.0	CR	
	PREREQ SCR 126					
1	01.00	MTWTH	F1	108		
230A	TESTIMONY & DEPOSIT			03.0	CR	
	PREREQ *SCR 112					
1	03.00	MTWTHF	F1	102		MIRIANI THERESA B
235A	ADV LEGAL DICTATION			03.0	CR	
	PREREQ *SCR 112					
1	02.00	MTWTHF	F1	103		VANCIL ALICE

#### Tool and Manufacturing Technology (\*TT)

101C	TOOL & MANUF LAB			05.0	CR	
	PREREQ *TT 101B, CONCUR ENRLMT IN *TT 125C OR CONST OF INST					
1	10.00-12.50	MTWTHF	L1	101		SANDERS EUGENE T
125C	TOOL & MANUF THEORY			03.0	CR	
	PREREQ *TT 125B OR CONSENT OF INSTR					
1	01.00	M W F	M1	107		SANDERS EUGENE T
128	HYDRAULICS & PNEUMAT			03.0	CR	
1	01.00	M W F	M4	107		SANDERS EUGENE T
176A	MANUFACTURING PROC			03.0	CR	
1	12.00	M W F	M1	107		
180A	OXY-ACET & ELEC ARC			03.0	CR	
	PREREQ A, B OR A, B, C OR B, C SEQUENCE OR R CONSENT OF INSTR					
1	09.00	MTWTHF	M4	108		TREGONING PHILIP W
2	11.00	MTWTHF	M4	108		DALLMAN MURNICE H
3	01.00	MTWTHF	M4	108		TREGONING PHILIP W
180B	OXY-ACET & ELEC ARC			03.0	CR	
	PREREQ A, B OR A, B, C OR B, C SEQUENCE OR R CONSENT OF INSTR					
1	12.00	MTWTHF	M4	107		TREGONING PHILIP W
185A	TECHNICAL DRAWING			03.0	CR	
1	11.00	MTWTHF	H1	238		BEAUCHAMP
2	02.00	MTWTHF	H1	238		BEAUCHAMP
212	ADV NUM CON&PRO MAC			04.0	CR	
	PREREQ *TT 211					
1	08.00-09.50	MTWTHF	L1	101		TRAYLOR GEORGE LELON
222	PROCESS PLAN & COST			03.0	CR	
	PREREQ *TT 221					
1	10.00	M W F	L1	105		TRAYLOR GEORGE LELON
275B	METALLURGY-FERROUS			03.0	CR	
	PREREQ A, B OR A, B, C OR B, C SEQUENCE OR CONSENT OF INSTR					
1	02.00	M WTH	M4	109		DALLMAN MURNICE H
275C	METALLURGY-T STEEL			03.0	CR	
	PREREQ A, B OR A, B, C OR B, C SEQUENCE OR CONSENT OF INSTR					

1	08.00	MTWTHF	M4	109	TREGONING PHILIP W
2	03.00	MTWTHF	M4	109	TREGONING PHILIP W

## Vocational Technical Careers (\*VTC)

102	TECHNICAL WRITING			03.0 CR	
	PREREQ	GSD 101			
1	11.00	MTW F	H1	126	HERTZ VIVLENNE V
2	01.00	MTW F	H1	126	CUNNINGHAM DONALD H
3	02.00	MTW F	H1	126	HERTZ VIVLENNE V
104	BUSINESS MATH			03.0 CR	
1	12.00	M W F	F1	112	CRENSHAW J HOWARD
105	TECHNICAL MATH			03.0 CR	
	PREREQ	SATISFACTORY ACT OR	GSD 10L		
1	10.00	M W F	M3	101	CRENSHAW J HOWARD
2	02.00	M W F	M3	103	
107	GEN SYSTEMS PHYSICS			04.0 CR	
1	08.00-09.50	T TH	M3	101	
	09.00	M W	M3	101	
108	AUTO CHEMISTRY LAB			03.0 CR	
1	03.00	MTWTHF	H1	143	
115A	INTRO TO CHEMISTRY			04.0 CR	
	PREREQ	CONSENT OF ADVISOR, MUST BE TA			
		KEN IN A,B SEQUENCE			
1	09.00-10.50	MTW F	H1	143	SMITH DONALD
	10.00-11.50	TH	H1	143	
2	12.00	MTW F	H1	143	
	01.00-02.50	TH	H1	143	
141	INTRO TO PHYSIOLOGY			05.0 CR	
1	09.00	MTWTHF	H1	143	
201	JOB ORIENTATION			02.0 CR	
1	TO BE ARRANGED				JOHNSTON CHESTER E
232	LABOR-MGT PROBLEMS			04.0 CR	
1	09.00	MTWTH	TESTER	151	TOLLEY RONALD E

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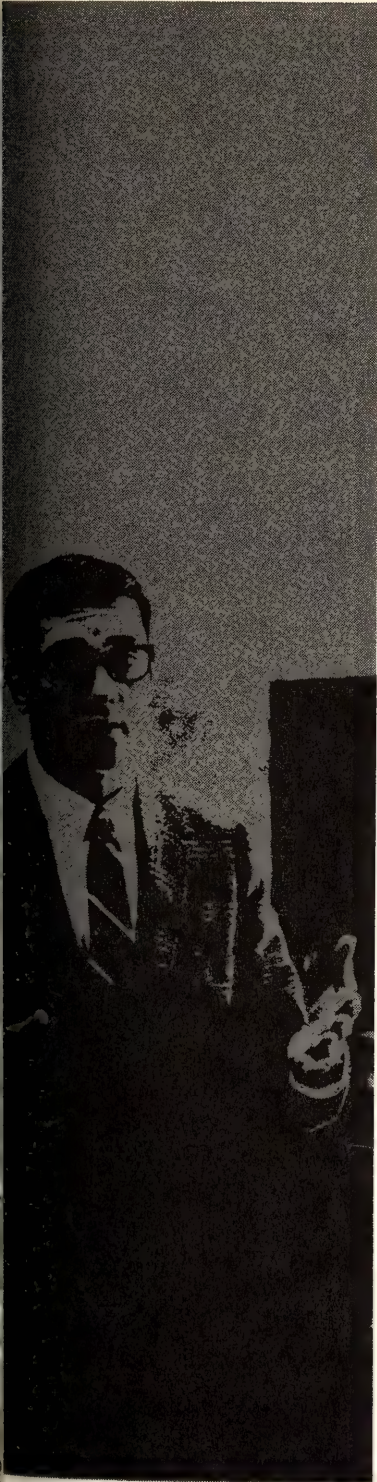
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# Southern Illinois University Bulletin

SIU





## **This Bulletin**

contains the schedule of classes to be offered by Southern Illinois University at Carbondale for the summer quarter, 1973, at Carbondale, Vocational-Technical Institute, and Little Grassy Lake.

It also provides information relative to admission, advisement, registration, and fees.



Summer / 1973  
Schedule  
Classes  
Carbondale

# Southern Illinois University Bulletin



Southern Illinois University Bulletin

Volume 15, Number 2

March 1973

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## Summer Session Calendar 1973

Pre-Summer Session Courses	June 4–June 15
11 Week Courses	June 18–August 31
8 Week Courses	June 18–August 10
First 5½ Week Session Courses	June 18–July 25
First 4 Week Session Courses	June 18–July 13
Second 5½ Week Session Courses	July 26–August 31
Second 4 Week Session Courses	July 26–August 20

Registration for the summer sessions should follow the Registration Calendar on page V. Registration for courses that begin after June 18 may be processed until the beginning day of the session in which the course meets. Students who wish to register for courses meeting during the second session after registering for a previous session must do so by processing a program change (add). Such a change may result in a billing for additional tuition and fees if the increase of total hours carried changes a student's fee category. (See payment of fees, page 3)

# Registration Calendar

## Summer Quarter, 1973

### GRADUATE REGISTRATION DATES

**Monday, April 16–Friday, June 8**

Advance registration period for graduate students. Graduate students may begin making program changes for the Summer Quarter on Monday, April 23. No graduate registration or program change will be processed Monday, June 11–Friday, June 15.

**Monday, June 18–Thursday, June 28**

Beginning-of-the-quarter registration period for graduate students. No graduate students will be admitted or readmitted on June 18, 19, and 20.

### UNDERGRADUATE REGISTRATION DATES

**Monday, April 9–Friday, June 1**

Advance registration period for all undergraduate students. New students should refer to the Advisement and Registration procedure on page 1 for further procedural information. ALL CONTINUING UNDERGRADUATE STUDENTS ARE EXPECTED TO BE REGISTERED BY JUNE 1. Students are urged to process program changes prior to the first day of classes. Students should be registered and should attend classes on the first day of classes.

**Monday, April 23**

First day for undergraduates to begin making program changes for the Summer quarter.

**Wednesday, June 6**

Undergraduate students will have their advance registration cancelled if fees are not paid at the Bursar's Office by 4:00 P.M. on this date, unless they have deferred their fee payment at the Bursar's Office prior to this date. Students whose fees are paid or deferred by this date will receive a printed class schedule before the quarter begins. To insure accuracy, students should check these schedules carefully for conflicts and errors. Changes should be made before classes begin. Tuition and fees may be deferred during the two week period prior to the fee payment deadline providing the tuition and fee payment totals at least \$50.

### Beginning-of-the-Quarter Activities for Undergraduates

The dates listed below from Sunday, June 17, through Wednesday, June 20 are for undergraduates. Graduate students may register through the Graduate School during the dates given above.

*Sunday, June 17*

New student orientation starts.

Residence Halls open.

*Monday, June 18*

Advisement and registration open for all non-registered new and re-entry

students only. All new students are expected to be advised and registered by this date. Continuing students who did not register or had their registration cancelled for nonpayment of fees must wait until Wednesday, June 20, to register.

Registration will be located in Woody Hall. 8:00–4:00 daily.

Night class (5:45 P.M. or later) start.

*Tuesday, June 19*

Day classes start.

Advisement and Registration open for program changes only.

*Wednesday, June 20*

This is the first day for continuing students to register.

Last day for advisement and registration for the summer quarter, except for those students registering only for short courses whose starting date is after this date. Registration in such cases may take place on the first day of class. This is the deadline to register or to make a program change in which a course is added or a section is changed. Registration and program changes ends at 4:00 P.M.

## **UNDERGRADUATE AND GRADUATE REGISTRATION DEADLINE DATES**

**Thursday, June 28**

Deadline for payment of fees by students whose fees were deferred. Graduate student registration will be cancelled if fees are not paid at the Bursar Office by 4:00 P.M.

**Friday, June 29—for students enrolled in courses which began  
June 18**

**Friday, August 10—for students enrolled in courses which began  
July 26**

Last day to withdraw from school to be eligible for a refund of fees. Last day to drop a course to be eligible for a refund if that drop changes fee categories.

**Friday, June 29—for students enrolled in 4 week and 5½ week  
courses which began on June 18**

**Friday, July 13—for students enrolled in 8 and 11 week courses**

**Friday, August 10—for students enrolled in 4 week and 5½ week  
courses which began on July 26**

Last day for undergraduates to withdraw from a course without receiving a letter grade.

Graduate students officially dropping a course after this date need not be given an evaluative letter grade.

Last day to change from credit to audit or vice versa for all students. (See Auditing of Courses, page 5)

Last day to change from regular grading option to pass/fail option or vice versa for students in elective pass/fail courses. (See Pass/Fail Option, page 6)

**Friday, August 17**

Last day for making a program change or withdrawing for Summer quarter. For courses not ending on August 31, any withdrawal or program change must be processed before the last week of the course.



# Calendar of Events

## June

- 18, Monday** American College Testing Program (Residual) \*  
**30, Saturday** Admission Test for Graduate Study in Business \*

## July

- 21, Saturday** American College Testing Program (National) \*  
**28, Saturday** Graduate School Foreign Language Tests \*

## August

- 4, Saturday** Test of English as a Foreign Language \*  
**30, Thursday** National Funeral Boards \*

\* Pre-registration is required. Please contact the Testing Center, Washington Square, Building C, 536-3303, at least 4 weeks in advance of the scheduled test.

# University Calendar

<i>SPRING, 1973</i>	Quarter Begins	Monday, March 26 *
	Memorial Day Holiday	Monday, May 28
	Final Examinations	Saturday–Friday, June 2–8
	Commencement	Friday, June 8
<i>SUMMER, 1973</i>	Quarter Begins	Monday, June 18 *
	Independence Day Holiday	Wednesday, July 4
	Quarter Ends	Friday, August 31
	Commencement	Friday, August 31
<i>FALL, 1973</i>	New Student Days	Sunday–Tuesday, September 23–25
	Quarter Begins	Tuesday, September 25 *
	Thanksgiving Vacation	Tuesday, 10 P.M.–Monday, 8 A.M., November 20–26
	Final Examinations	Wednesday–Tuesday, December 12–18
<i>WINTER, 1974</i>	Quarter Begins	Wednesday, January 2 *
	Washington's Day Holiday	Monday, February 18
	Final Examinations	Wednesday–Tuesday, March 13–19
<i>SPRING, 1974</i>	Quarter Begins	Wednesday, March 27 *
	Memorial Day Holiday	Monday, May 27
	Final Examinations	Wednesday–Tuesday, June 5–11
	Commencement (Carbondale)	Tuesday, June 11
	Commencement (Edwardsville)	Wednesday, June 12
<i>SUMMER, 1974</i>	Quarter Begins	Tuesday, June 18 *
	Independence Day Holiday	Thursday, July 4
	Final Examinations	Monday–Friday, August 26–30
	Commencement (Carbondale)	Friday, August 30
	Commencement (Edwardsville)	Saturday, August 31
<i>FALL, 1974</i>	New Student Days	Sunday–Tuesday, September 22–24
	Quarter Begins	Tuesday, September 24 *
	Thanksgiving Vacation	Tuesday, 10 P.M.–Monday, 8 A.M., November 26–December 2
	Final Examinations	Wednesday–Tuesday, December 11–17
<i>WINTER, 1975</i>	Quarter Begins	Thursday, January 2 *
	Final Examinations	Thursday–Wednesday, March 13–19

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\* Classes begin with the evening classes after 5:30 P.M.

# 1 / General Information

THIS BULLETIN contains the schedule of classes offered for the summer quarter, 1973, by Southern Illinois University at Carbondale. It also provides information relative to advisement and registration, fees, and allied information.

## Admission

Inquiries concerning undergraduate admission should be directed to the Admissions Office; those on the graduate level to the Graduate School. Undergraduate admission applications should be completed at least thirty days in advance of the desired entrance date.

## Flexible Summer Calendar

To provide more flexibility in its summer offering Southern Illinois University at Carbondale has designed a calendar which includes a variety of time frames for students to attend. A student may take courses in any of the sessions so long as classes do not conflict. Some of the same principles of a regular quarter apply to the summer quarter.

- a. Students fees are assessed based upon the total hours registered for a quarter.
- b. Changes to the original registration must be done by program change and may result in a billing for additional tuition and fees (see Payment of Fees).
- c. Student must have his academic Dean's permission to register for more than 18 hours. No student may register in all sessions combined for more than 21 hours. Suggested limits of registration within specific time periods:

2 weeks	4 credit hours
4 weeks	8 credit hours
5 1/2 weeks	9 credit hours
8 weeks	13 credit hours
11 weeks	18 credit hours
- d. One grade report will be prepared for all sessions—at the end of the eleven week session. Students who need official notice of a grade in a course earlier may make arrangements with the Office of Admissions and Records for a transcript.

## Registration and Advisement

Southern Illinois University at Carbondale uses an academic advisement system whereby each undergraduate academic unit has a chief academic adviser and a number of assistant advisers selected from the teaching faculty. Undergraduate students entering the University for the first time will receive selective dates from the admission process from which they are to select the preferred date on which they will come to the campus to be



advised and to advance register. This includes both freshmen and transfer students. They are not to write for appointments nor are they to come to Carbondale expecting to register unless it is the date indicated for them to do so.

Graduate students will initiate advisement with their advisers, and will complete the registration process at the graduate school, where all registration forms will be completed and retained. Graduate students will not be required to go through the Registration Center. The registration process is handled at a later time, and the student receives a fee statement by mail. Cancellation of graduate student registrations for non-payment of fees occurs on the date indicated in the Registration Calendar. Graduate students may register during the period indicated in the Registration Calendar. Graduate students who need to make program changes must follow the same procedure as undergraduate students in that these must be personally processed by the graduate students through the Registration Center.

After advisement the student may register for classes. See the Registration Calendar in this bulletin. Ordinarily, registration offices are open from 8:00 to 11:30 A.M. and 1:00 to 4:30 P.M., Monday through Friday.

During the registration process the student goes through the Registration Center, where he assigns himself to specific sections of the courses he is to take.

Mere attendance does not constitute registration in a class, nor will attendance in a class for which a student is not registered be a basis for asking that a program change be approved permitting registration in that class.

There will be only one registration processed for a student for all sessions. Adding or dropping courses must be done by program change.

### *New Students*

Students entering the University for the first time are permitted to advance register only after they have been admitted to the University as evidenced by their receiving the Certificate of Admission.

New undergraduate students, freshmen and transfer, will be expected to advance register on the same date that they come to the campus for advisement. Dates for students to do so will be selective ones in which the students are asked to come to the campus on specific dates as determined by the University. Students should not expect to be advised and registered on the same date they are admitted nor are they to come to the campus for advisement and registration without an appointment. Appointments for advisement and registration will be mailed from and are to be returned to the Office of Admissions and Records.

New graduate students may register during the registration periods indicated on the registration calendars. Arrangements should be cleared with the Graduate School to do so to assure that the appropriate adviser will be available.

### *Re-Entering Students*

Students who have attended the University at some former time but not during the session immediately prior to the time they plan re-entry are expected to advance register during the periods outlined in the Registration Calendar. After completing readmission procedures (Admissions Office for undergraduate students and graduate school for graduate students) advisement appointments should be made at the advisement offices

of the academic units into which the students are entering and clearance of the registrations should be completed on that same day at the Registration Center.

#### *Current Students, Carbondale*

Students currently registered in the University will be continued in their present curricula unless a change of college or major is made. A change of college or major area of concentration is initiated with the student's adviser. Either change should be made at the time of advisement.

Undergraduate students currently registered in the University will schedule appointments with their adviser. Registrations should be processed through the Registration Center as soon after advisement as possible.

Graduate students in a degree program should make appointments with the departmental adviser for program advisement. Unclassified graduate students in other categories may report directly to the graduate school for registration procedure.

#### *Current Students, Edwardsville*

Undergraduate students attending Southern Illinois University at Edwardsville who plan to attend Southern Illinois University at Carbondale must initiate their registration process by presenting to the Office of Admissions and Records at Carbondale either an official transcript of their university record or a letter of good standing from the registrar at Edwardsville. The reason for reporting to the admissions office is to permit the necessary coding changes to be made so that pertinent information about their academic programs, etc., can be up-dated to reflect the change of campus. Graduate students report first to the Graduate School.

### **Payment of Fees**

Undergraduate students receive their fee statements at the time of registration. During the advance registration period students are asked to delay paying their fees in person at the Bursar's Office until the day following registration. This is to permit necessary fee information to reach the Bursar by the time of fee payment. Students will find it easier simply to mail the fee statement along with a check or money order for the proper monetary amount to the Bursar's Office so as to arrive there by the deadline dates which are stated in the Registration Calendar located earlier in this bulletin. If students pay fees in person at the Bursar's Office they receive a Certificate of Registration at that time. When fees are paid by mail the Certificate may be picked up by the student when he returns to campus. Students will receive their printed schedule of classes within one week after the cancellation date. It is important that these forms be carried by the students at all times.

Undergraduate students registering at the start of a quarter must pay fees at the time of registration.

Graduate students receive fee statements by mail and must clear their fees at the Bursar's Office by 4:00 P.M. on the date indicated on the Registration Calendar.

#### *Fees for a Regular Quarter*

Total hours taken for all summer sessions determine fee assessment. Students who add courses after fees are paid will receive a billing if his total



hours increases his total tuition and fee amounts due for the summer quarter.

The University reserves the right to change fees and to have the change go into effect whenever the proper authorities so determine. Undergraduate students pay the following regular fees:

	Not more than 5 hrs.	More than 5, less than 11	11 or more
Tuition Fee—Illinois Resident . . . . .	\$ 48.00	\$ 95.00	\$143.00
Tuition Fee—Out-of-State Resident . . .	(143.00)	(286.00)	(429.00)
Student Welfare and Recreation			
Building Trust Fund Fee . . . . .	5.00	10.00	15.00
Book Rental Fee * . . . . .	3.00	6.00	8.00
Student Activity Fee ** . . . . .	3.50	3.50	3.50
Student Center Fee . . . . .	5.00	10.00	10.00
Athletic Fund Fee . . . . .	3.00	6.50	10.00
Student Medical Benefit Fee ** . . . . .	4.00	7.50	11.50
<i>Total</i> —Illinois Resident . . . . .	\$ 71.50	\$138.50	\$201.00
<i>Total</i> —Out-of-State Resident . . . . .	(166.50)	(329.50)	(487.00)

\* Graduate students do not rent their textbooks and do not pay the book rental fee. They must purchase their books.

\*\* Graduate students carrying no more than five hours may option not to pay either one or both of these fees.

Students who register for a course for *audit* or for a non-credit course will be assessed fees according to the imputed hours of that course. *Imputed hours* is generally the number of hours the class meets per week.

### Scholarships-Grants-Assistantships-Waivers

Students having special fee status, such as scholarships, grants, graduate appointments, faculty and staff will pay fees according to their particular fee status and must provide proof of their eligibility at the time fees are assessed.

Students holding valid state scholarships and other grants are exempt from some or all of the tuition and fees for a quarter to the extent provided by the terms of the specific financial aid. Additional information concerning scholarships and grants may be obtained from the Office of Student Work and Financial Assistance.

### Graduate Appointees

A graduate student who holds a graduate student appointment of at least one-quarter time is eligible for a waiver of tuition each quarter the appointment is held.

A graduate student who has held such an appointment for at least three consecutive quarters and meets the conditions specified below will be eligible for a waiver of tuition for one additional quarter.

1. The appointment requires service to the University (i.e., preceptor, teaching assistant, research assistant, graduate intern, graduate assistant, but not a special doctoral assistant), and is paid through University Payroll. A special doctoral assistant is appointed for four quarters and can have the appointment extended to a total of eight quarters, but is not eligible for additional quarters.
2. The student has held an appointment requiring service to the Uni-



versity at least 25% time each of three *consecutive* quarters. The summer quarter may be one of the three quarters. On the other hand, the three quarters may be interrupted by the summer and still be considered consecutive. For example spring, 1972, fall, 1972, and winter, 1973, would constitute three consecutive quarters.

3. The tuition waiver will be granted *immediately after* the three quarters of service have been completed. A student whose appointment is fall, winter, and spring may option either the immediate summer or fall, but not both. In no case shall the additional quarter of tuition waiver be granted *before* the three consecutive quarters of service have been completed.
4. This additional quarter of tuition waiver shall not apply to non-service appointments normally awarded for four or more consecutive quarters, (i.e., special doctoral assistantships, graduate fellowships, or experimental fellowships).
5. This additional quarter of tuition waiver shall not apply to appointments such as NDEA (Title IV) fellowships, NSF traineeships, and NSF fellowships.

Fees waived for graduate appointees are the student welfare and recreation building trust fund fee and the athletic fee when registering for less than a full-time (11 quarter hours) basis.

### *Faculty and Staff*

Persons in this category will receive a tuition waiver and a waiver of some fees whenever they are employed at any time during a quarter for which they are registered. If the appointment is at least a nine month appointment, students may receive the waiver for the fourth quarter providing that quarter follows immediately the last quarter of appointment. Students may option summer or fall in this instance.

### *Civil Service*

These employees will receive a tuition waiver and a waiver of some fees only when authorized by the Personnel Office after compliance with personnel regulations.

Fees waived for faculty and administrative staff and civil service employees are the student welfare, recreation building trust fund fee, and the athletic fee when registering for less than full-time (11 quarter hours) basis. They are not permitted to pay the activity fee or student medical benefit fee.

### **Auditing of Courses**

Students may register for courses in an *audit* status. They receive no letter grade and no credit for such courses. An auditor's registration must be marked accordingly. They pay the same fees as though they were registering for credit. They are expected to attend regularly and are to determine from the instructor the amount of work expected of them. If auditing students do not attend regularly, the instructor may determine that the students should not have the audited courses placed on their record cards maintained in the Office of Admissions and Records. Students registering for a course for credit may change to an audit status or vice versa only for fully justified reasons and only during the first four weeks of a quarter. Such a change will require the student's academic dean's approval.

## Pass/Fail Option

This option applies only to undergraduate instruction. The elective Pass/Fail option and mandatory Pass/Fail courses are not available for graduate credit.

Courses offered under the pass/fail option are denoted in the listing of course offerings by the words "Elective pass/fail" or "Mandatory pass/fail" printed beside the affected course entry.

A student taking a course for pass/fail should have his registration marked accordingly. Students registering in an elective pass/fail course may change from the regular grading option to the pass/fail option or vice versa only for fully justified reasons and only during the first four weeks of the quarter. Such a change will require the student's academic dean's approval.

Students are not permitted to elect pass/fail for a course that is a major or minor requirement for them unless the program specifically permits such to be done. At present the only programs permitting such are:

The School of Business permits its students to take academic unit (School of Business) required courses on an elective pass/fail basis when the courses are offered by departments outside the School of Business and when such courses are made available on the pass/fail basis.

Economics Department—Any departmental undergraduate economics course, including ones required as a part of the *economics* major or minor, may be taken on a pass/fail basis.

Forestry Department—Forestry 104 may be taken on a pass/fail basis by students majoring in Forestry.

## Program Changes

Students are officially registered only for those courses appearing on their schedule of classes. Any change therefrom must be made through an official program change, which includes the following steps:

1. Initiating the change.

Students report to their advisers for approval and Program Change form completion. Graduate students must also secure approval from the graduate school. If the change involves only that of changing sections within the same course, this may be done at the Registration Center without the necessity of securing adviser approval.

2. Registration.

Students must take the program change form to the Registration Center after approval by the adviser.

Program changes which involve the adding of a new course to the schedule or the changing of sections must be done by the "last day to add a class" as indicated in the Registration Calendar.

Program changes adding courses in late sessions may be processed through the first day of the session.

## Dropping a Course

A program change must be made in order to drop a course. A student may not drop merely by stopping attendance. The last date for dropping a course by an undergraduate student without receiving a letter grade is printed in the Registration Calendar. Graduate students may not neces-



sarily receive a grade for dropping after this date. (Refer to Registration Calendar.)

### ***Changing Fee Status***

Students making program changes which result in their moving from one fee status to another will be assessed additional tuition and fees when appropriate. If the change is to reduce the academic load resulting in a lower tuition and fee status, students may apply for the appropriate tuition and fee refund provided the reduction in program is made officially by a program change during the same period at the start of a quarter in which students withdrawing from the University are eligible for a refund. This is usually during the first ten days. For dates refer to the Registration Calendar.

### **Withdrawing from School**

A student who finds it necessary to withdraw from school while the quarter is in progress must report to the Office of Admissions and Records to initiate official withdrawal action. No withdrawal will be permitted during the last two weeks of a quarter, except under exceptional conditions. A refunding of fees is permitted only if a withdrawal is officially completed by the deadline stated in the Registration Calendar.

A student who advance registers, including paying of fees, and then finds that he cannot attend school must also officially withdraw from school. He may do this either by reporting to the Office of Admissions and Records in person or by writing to the Student Life Office. This must be done by the deadline date printed in the Registration Calendar, if he expects to get a refund.

### **Cancellation of Registration**

An advance registration including the payment of tuition and fees may be considered invalid if the student is declared to be ineligible to register due to scholastic reasons. The same situation may exist due to financial or disciplinary reasons if certified to the Registrar by the Student Life Office.

### **Personal Data Changes**

At the time of registration students are asked to review a Biographic Data Sketch containing personal data. Certain items, if in error, may be corrected at that time. Other items which may require some type of verifying evidence, are changed by reporting to the offices listed below.

1. *Local Address Change*.—Office of Admissions and Records, Registration Center, Graduate School, or VTI Registration Office.
2. *Name Change, Marital Status Change, Date of Birth Change*.—Records Section of the Office of Admissions and Records. Verification may be required.
3. *Selective Service Data Change or Information*.—Registration Center.
4. *Legal Residence Change* (whether an Illinois or out-of-state resident).—Must be requested by completion of the *Application to be Classified an Illinois Resident* form in the Office of Admissions and Records. Before the change is made the student must have met the regulations governing residency status as established by the Board of Trustees.





## 2 / Summer Workshops and Institutes

### Child and Family

*Developing Motivational Traits in Children* (Child and Family 408-2, Section 301) June 18-29. Explores new evidence on traits in children related to motivation. To supply this knowledge, two areas will be stressed: 1) The ways in which family, community, and peer groups exert influences that retard or advance positive attitudes, self-concept, and other requisites of motivation, and 2) A focus on the family, nursery school and elementary school as agencies for developing this attribute in children.

Stresses the development of skills in the student necessary to construct experiences for the child that will result in specific motivational traits and learning theory pertinent to the design of motivational experiences.

*Teaching Sex Education* (Child and Family 408-2, Section 302) July 2-13. Aids parents, teachers, or any other persons who eventually will teach or may now be teaching sex education to children or young adults. For the benefit of school teachers, a review will be made of the current status of sex education in the Illinois public school system with special emphasis on recommendations and limitations made by school authorities. Concepts and programs for teaching sexuality in grades one through twelve discussed.

*Women in Professions* (Child and Family 408-2, Section 303) July 16-27. Problems encountered by professional women in such areas as family or alternate life styles, professional life, legal rights and in pursuing change.

*Family Guidance Through Community Services* (Child and Family 408-2, Section 304) July 30-August 10. Provides an orientation to state supported and private agencies, religious organizations, and the services they offer to families who need help in the areas of physical and mental health, financial assistance, and crisis situations. Students become familiar with present trends and legislation which support community based family counselling services. Techniques for referral of families needing help are practiced.

Field trips are taken to a residential facility, a penal institution, and a sheltered workshop.

### Economics

490-4 *Workshop in Economic Education*. (Same as Elementary and Secondary Education 490.) June 18-July 13. Designed to assist elementary and secondary school teachers in promoting economic understanding in the minds of their students through the translation of economic principles and problems into classroom teaching materials. Emphasis upon such current problems as inflation and unemployment.

## **Educational Administration and Foundations**

*School Business Administration.* (EDAF 534b-4, Section 101) June 4-15, 8:30-11:30 A.M. daily. Explores principles and practices governing management of business affairs of a public school system. Specific emphasis will be given to the recent recommendations of the Illinois Governor's Task Forces on School Business Management and School Finance as concerns implications for implementation and legislation. Also, new aspects of accountability as reflected in the revised Illinois School District Financial Accounting Manual will be discussed in terms of the current pilot study and future adoption for all school districts. Instructor: Dale E. Kaiser.

*Curriculum.* (EDAF 560-4, Section 101) June 4-15, 1:00-4:00 P.M. daily at Kaskaskia. The administration of curriculum in the school setting. Course will examine the social, economic and other elements comprising the curriculum as well as techniques for evaluation. Emphasis will be given to administrative practices in curriculum development and change.

*Current Issues/Professional Negotiations.* (EDAF 527-4, Section 601) June 18-29, 1:00-4:00 P.M. daily. Designed to acquaint the student with the professional negotiations movement in public education. Emphasis will be given to such components as the historical beginnings and legal status of the movement, the roles of participants, negotiation procedures, the negotiation agreement, and related topics. References will be made to continuing trends as well as changing relationships in the school setting. Practical examples of professional negotiations will be available for class discussion. Instructor: Dale E. Kaiser.

*Current Issues/Illinois Governor and OSPI School Task Force Reports.* (EDAF 527-4, Section 201) August 31-24, 8:30-11:30 A.M. daily. This course will use recent Illinois Governor and Office of the Superintendent of Public Instruction Task Force Reports as texts to acquaint the student with current issues in educational administration and implications for implementation and legislation. Such reports as OSPI Action Goals for the Seventies, New OSPI Recognition and Supervision Guidelines, School Business Management Task Force, School Finance Task Force, and School District Reorganization Task Force documents will be discussed in detail and related to current trends in educational administration. Examples of practical application will be used in so far as possible. Instructor: Dale E. Kaiser.

## **Family Economics and Management**

*Economics Concepts for Low-income Consumers.* (FE&M 407-2, Section 601) July 2-13. Economic concepts will be analyzed and interpreted as they relate to low-income consumers. Psychological and social factors which affect the economic choices these consumers make relative to budgeting for and obtaining food, clothing, equipment, and housing will be discussed.

*Housing Alternatives.* (FE&M 407-2, Section 602) July 2-13. Selection of family housing for different income and family life styles will



be considered. Cooperatives, condominiums, as well as traditional housing alternatives, will be considered.

*Making Decisions in a Changing Society.* (FE&M 407-2, Section 601) July 16-27. The decision-making process as it is relevant to families is explored considering restrictions imposed by economic, technical, and social forces. Theories helpful in guiding families in decision-making are included.

*Seminar in Family Economics and Management.* (FE&M 571-4) July 26-August 20. Review and analysis of research in family economics, management, housing, and equipment. Implementation and organization of programs to help families is emphasized. Karen E. Craig.

### **Higher Education**

*Higher Education Seminar I—Student Personnel Group Work.* (HIED 535c) July 26-August 20. The major aspects of group work in college student personnel services including how such activities can augment and enhance the total educational experience of students in college.

*Higher Education Seminar I—Problems in Central Administration.* (HIED 535e) June 18-July 13.

*Higher Education Seminar I—Business and Fiscal Administration.* (HIED 535f) June 4-15. Emphasis in section two will be in student financial assistance. Emphasis in section one will be on governmental agencies.

*Higher Education Seminar I—Academic and Faculty Administration (Academic Advisement).* (HIED 535g) June 18-July 13. Academic advisement and career planning in four-year and two-year institutions.

*Higher Education Seminar I—The Technical Institute.* (HIED 535j) June 4-15. The organization and administration of the technical institute and current problems relating to vocational education.

*Higher Education Seminar I—Adult and Continuing Education.* (HIED 535k) June 4-15. The organization and administration of credit and non-credit/on-and off-campus education and community service programs for adults conducted by 2-year, 4-year and graduate college and universities. The seminar is designed primarily to provide degree students in Higher Education with a background in the service function of colleges and universities in the United States. The course deals with sociological, psychological, and historical factors relevant to that function.

*Higher Education Seminar II—Laws, Legislatures and Higher Education.* (HIED 545s) July 26-August 20. The current interpretations of due process as it relates to higher education along with a study of significant court cases having direct bearing on various aspects of college and university administration.

*Higher Education Seminar II—The Federal Government and Higher Education (Development of Student Aids Workshop).* (HIED

545v) June 18–July 13. Student financial aid counseling and program administration, including the effects of federal legislation upon financial aids; history and development of financial aids; federal and state programs; relation of financial aids to other student services and other aspects of higher education.

## Music

*Music for Exceptional Children I.* (Music 456A–3) June 10–16, morning, afternoon, evening. Prerequisite Music 302A, Music in Special Education, or consent of instructor. Intensive introductory work for special education teachers and music teachers who work with exceptional children. Held under joint sponsorship of the School of Music and the Department of Special Education, with Dr. Catherine McHugh as coordinator. Guest lecturers in special phases of the subject.

*Instrumental Materials and Techniques.* (Music 454–3) June 18–29, afternoons. Intensive study of topics involved in building school band programs: conducting and rehearsal, techniques, literature, marching band, beginning instruction, instrument repair, facilities and equipment, etc. For experienced band directors and qualified undergraduates. Instruction by a team of specialists, under the coordination of Melvin Siener.

*Music and Youth at Southern Illinois University.* July 15–28, morning, afternoon, and evening. Offers to high school musicians in Southern Illinois and surrounding areas a unique experience in music learning on the campus. Participation in band, orchestra, chorus, piano, stage band; classes in music appreciation, music theory, instrument repair, and performing techniques. Part time staff of twenty under the coordination of Melvin Siener, camp director.

*Opera Workshop.* (Music 346, 568–6 to 8). June 19–July 29. Hot Springs, Arkansas. Registration for the annual opera workshop will be limited and must be made by June 1, 1973. Six weeks of intensive vocal and opera training under the direction of Marjorie Lawrence.

*Summer Music Theater.* (Music 347–568) June 17–August 11. Talented singers, actors, dancers, technicians, and orchestra personnel come to the campus of Southern Illinois University at Carbondale from colleges and universities throughout the United States for a summer of performing and instruction in the Broadway musical repertoire. Participants receive full-load graduate and undergraduate credit. Held under the direction of Mary Elaine Wallace and Michael Hanes, in cooperation with the SIU Summer Theatre.

*Music Education Practicum.* (Music 420–2) July 16–27. Detailed instruction and practice of the basic elements of band instrument repair, for experienced school directors and qualified undergraduates. Mornings. Detailed instruction and supervised laboratory experience, under the direction of Woodrow Malone.

*Music for Exceptional Children III.* (Music 456–3) July 9–20, Dartington Hall, Totness, England. For those who have completed workshops in 1971 & 1972, held at this special center for the training of ex-



ceptional children. Instruction and observation under supervision of the center personnel. Jointly sponsored by the School of Music and Center for Continuing Education. Coordinator, Dr. Catherine McHugh.

*SIU in Austria.* June 14–16, in Vienna. Department of Foreign Languages and School of Music, under coordination of the Center for Continuing Education. Music offerings include GSC 100–3, Music Understanding; GSC 206, Foundations of Music; 357B–3, History of Music; 499–2 to 6, Independent study, and private instruction in any field of applied music. Dr. Robert Mueller, director.

### **Physical Education—Men**

*Basketball Workshop.* (PEM 404–2) June 18–29. Emphasis will be placed on organization of the total pressure offense and defense. This includes converting from defense to offense quickly through the fast break and into the set offense, as well as making the transition from offense to defense through pressure techniques. Course will include individual, as well as team drills. Mr. Paul Lambert and Dr. James Wilkinson.

*Advance Theory and Techniques of Athletic Injury and Training.* (PEM 407–2) July 2–13. The knowledge and application of scientific principles of conditioning the body for each sport; techniques of testing muscle strength and strengthening the body following injury, emergency treatment of injuries and the use of ice therapy modalities; and the problems of diet, consideration of kinesiological physiological behavioral factors in athletics. Designed to increase the effectiveness of physical education personnel in teaching and coaching athletics. Mr. Robert Spackman.

*Athletic and Physical Education Facility, Design, Construction and Maintenance.* (PEM 517–4) June 4–15. The purpose of the course is to enable the student to acquire knowledges of the basic principles of design, construction, and maintenance of athletic and physical education facilities based upon program characteristics and potential student enrollment. Emphasis will be placed on the development of new materials and trends toward new concepts of design and construction. Dr. John Stotlar.

### **Psychology**

*Theory and Practice in the Preschool.* (Psychology 459–4) June 18–July 13. For those who are preparing for or are engaged in preschool education. Examines a variety of topics and provides lectures, demonstrations, and practicum experience in the Child Study Cooperative Nursery. Prerequisite: consent of instructor.

### **Rehabilitation Institute**

*Summer Rehabilitation Workshop.* (Rehabilitation 414–2, Section 1) August 19–25, Monday through Saturday, 8:30 A.M.–4:30 P.M. For professional personnel engaged in rehabilitation and welfare programs in Illinois: those rendering direct services to disabled, disadvantaged persons; or in developing/coordinating community resources directed to their needs. Experts in the field will examine and evaluate current trends, recent research, innovative programs, and projected developments in a



wide range of rehabilitation activities. Includes group interaction and discussion.

### **Secondary Education**

*Problems Related to Teaching Disadvantaged.* (S Ed 495-4) June 4-15. 12:00-4:00 P.M. daily.

*Workshop in Secondary Education: Classroom Management.* (S Ed 591-4) June 4-15. 8:00 A.M.-12:00 P.M. daily.

*Workshop in Economic Education.* (See Economics 490) June 18-July 30. 2:00-4:00 P.M. daily.

# 3 / Schedule of Classes

## Listing of Courses

Courses which students are to take to meet the General Studies requirements are listed in the front part of the Schedule of Classes. These courses are listed by the area which they satisfy and within the area by course number and section number.

Departments in which courses are being offered are listed in alphabetical order. Courses within each department are listed in order by course number and section number.

## Course Numbers and Hours

The line containing this information shows the number of the course first, followed by the short title and number of hours of credit. Course numbers are three-digit numbers. In some cases the three digits may be followed by a letter which is also part of the course number.

In a variable-hour course the student decides the number of hours for which he is going to register in consultation with his adviser.

The course numbering system is as follows:

- 000-099 Course not properly in the following categories
- 100-199 For freshmen
- 200-299 For sophomores
- 300-399 For juniors and seniors
- 400-499 For seniors and graduate students
- 500-600 For graduate students only

## Prerequisite

The prerequisite entry lists requirements which must be satisfied before a student registers for the course. These prerequisites may be listed in various ways. Usually they are other courses in the same department, indicated by a course number. A prerequisite in another department is indicated by the department's code letters and the number.

## Section Number, Time, and Days

The section number is indicated in the first column. The times given indicate the beginning and ending of each class period. Students registering for courses listed as "to be arranged" may obtain times and days from instructor indicated or, if no instructor is listed, from the department chairman offering the course.

## Building and Room Number

The following list of building abbreviations will help in the location of classrooms. Buildings are listed alphabetically according to the code used

in the class schedule. Temporary buildings are indicated in the schedule by a four-digit number.

If a building contains more than one classroom, then the number of the room follows the building's code name.

CODE:	BUILDING NAME	CODE:	BUILDING NAME
ABBOTT:	Abbott Hall (T.P.)	PARK:	Parkinson Building
AG:	Agriculture Building	NKRS A:	James W. Neckers Building A
ALLYN:	Allyn Building	NKRS B:	James W. Neckers Building B
ALTG:	Altgeld Hall	NKRS C:	James W. Neckers Building C
ARENA:	SIU Arena	PIERCE:	Pierce Hall (T.P.)
BAILEY:	Bailey Hall (T.P.)	PULL:	Pulliam Hall (University School)
BOAT:	Boat Dock	PULL I:	Pulliam Hall (Industrial Education Wing)
BROWN:	Brown Hall (T.P.)	PULL P:	Pulliam Hall (Physical Education Wing)
CENTER:	Student Center	SHRY:	Shryock Auditorium
CL:	General Classroom Building	STAD:	McAndrew Stadium
COMM:	Communications Building	TECH A:	Technology Building A
FELTS:	Felts Hall (T.P.)	TECH B:	Technology Building B
GYM:	Gymnasium	TECH D:	Technology Building D
HDBALL:	Handball Courts	TENNIS:	Tennis Courts
H EC:	Home Economics Building	WARREN:	Warren Hall (T.P.)
LAWSON:	Lawson Hall	WHAM:	Wham Education Building
LAKE:	Lake on the Campus	WHLR:	Wheeler Hall
LIB:	Morris Library		
LG:	Little Grassy Lake		
LS I:	Life Science Building I		
LS II:	Life Science Building II		
L-APS:	Physical Plant (Building 56)		
OBF:	Old Baptist Foundation		

### *Temporary Buildings*

CODE	LOCATION	CODE	LOCATION
0403	1009 S. Forest	0555	Thompson at Grand
0406	612 W. Grand	0685	506 S. Graham
0412	907 S. Forest	0686	511 S. Graham
0415	807 S. Forest	0701	801 S. Washington
0427	905 W. Grand	0702	105 E. Grand
0429	1009 S. Elizabeth	0720	Corner of Washington and Park
0431	1007 S. Elizabeth	0721	East of 0720 on Park
0432	1005 S. Elizabeth	0725	207 E. Pearl
0436	908 S. Forest	0742	204 E. Park
0437	904 S. Forest	0744	208 E. Park
0438	900 S. Forest	0831	Farm Machine Shop—between the James W. Neckers Building and the Forestry Research Laboratory
0442	903 S. Elizabeth	0832	Next to 0831 (above)
0448	814 S. Forest	0833	Next to 0832 (above)
0451	810 S. Forest	0834	Next to 0833 (above)
0452	808 S. Forest	0842	West of the Agriculture Building's north wing
0453	806 S. Forest	0843	Next to 0842 (above)
0461	811 S. Elizabeth	0857	Department of Design—east of the Communications Building on Lincoln Drive
0465	804 S. Elizabeth	0861	General Classrooms—southeast of the Communications Building on Lincoln Drive
0481	910 S. Elizabeth		
0483	1002 S. Elizabeth		
0485	1006 S. Elizabeth		
0486	1008 S. Elizabeth		
0487	1010 S. Elizabeth		
0495	600 W. Freeman		
0549	428 S. Washington		
0551	CESL		
0552	CESL		



0862	General Classrooms—next to 0861 (above)	0871	General Classrooms—southeast of the Communications Building on Lincoln Drive
0864	Northwest of the Agriculture Building's north wing	0875	General Classrooms—next to 0871
0865	Next to 0864 (above)	0889	901 West Chautauqua

### Explanation of Entries

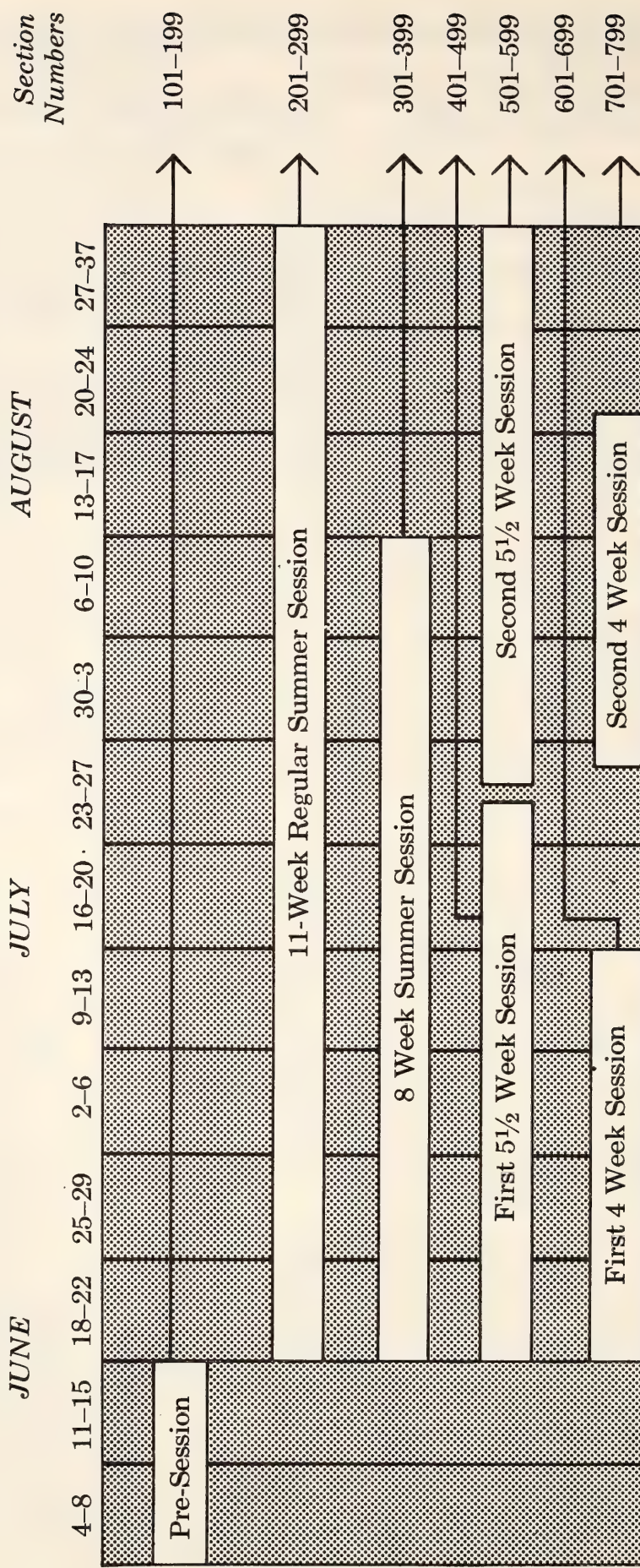
The entry for each course is arranged as follows:

First Line: The course's identification number is followed by the short title and the number of quarter hours of credit.

Second Line: The prerequisite (if applicable).

Section-Number Lines: The first column lists section numbers for courses offered. Following each section number are the time the class begins and the time it ends. The days on which the class meets, the place where it meets, and the instructor's last name complete the entry.

Section Number: Section numbers for the summer quarter are three digit numbers. The first digit of each section number identifies the session in which a section is offered. The chart below indicates the length of courses and sections offered within the summer session.





# SCHEDULE OF GENERAL STUDIES COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
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## GSA General Studies Area A—Man's Physical Environment and Biological Inheritance

101	PHYSICS IN ENVIRON		04.0 CR	
201	11.00	M W F	PARK 124	NICKELL WM E
	12.00-01.50	T	NKRS C 407	
202	11.00	M W F	PARK 124	NICKELL WM E
	12.00-01.50	TH	NKRS C 407	
203	11.00	M W F	PARK 124	NICKELL WM E
	02.00-03.50	T	NKRS C 407	
204	11.00	M W F	PARK 124	NICKELL WM E
	02.00-03.50	TH	NKRS C 407	
106	CHEM--NON-SCI MAJ		04.0 CR	
201	08.00	MT THF	NKRS B 240	
	08.00	W	NKRS B 240	
110	EARTH SCIENCE		04.0 CR -(ELECTIVE PASS/FAIL)	
201	10.00	M W F	PARK 124	FRANK CHARLES
	08.00-09.50	T	PARK 206	
202	10.00	M W F	PARK 124	FRANK CHARLES
	10.00-11.50	T	PARK 213	
203	10.00	M W F	PARK 124	FRANK CHARLES
	06.00-07.50 PM	W	PARK 206	
204	10.00	M W F	PARK 124	FRANK CHARLES
	12.00-01.50	M	PARK 206	
	ABOVE SECT IS A HOLD SECT			
205	10.00	M W F	PARK 124	FRANK CHARLES
	06.00-07.50 PM	T	PARK 206	
	ABOVE SECT IS A HOLD SECT			
206	01.00	M W F	PARK 124	
	02.00-03.50	W	PARK 206	
207	01.00	M W F	PARK 124	
	08.00-09.50	W	PARK 206	
208	01.00	M W F	PARK 124	
	09.00-10.50	TH	PARK 206	
209	01.00	M W F	PARK 124	
	11.00-12.50	TH	PARK 206	
	ABOVE SECT IS A HOLD SECT			
210	01.00	M W F	PARK 124	
	11.00-12.50	TH	PARK 124	
	ABOVE SECT IS A HOLD SECT			
401	01.00	MTWTHF	PARK 124	FRANK CHARLES
	10.00	T	PARK 124	
	08.00-09.50	W F	PARK 206	
402	01.00	MTWTHF	PARK 124	FRANK CHARLES
	10.00	T	PARK 124	
	08.00-09.50	M TH	PARK 206	
403	01.00	MTWTHF	PARK 124	FRANK CHARLES
	10.00	T	PARK 124	
	06.00-07.50 PM	M TH	PARK 206	
404	01.00	MTWTHF	PARK 124	FRANK CHARLES
	10.00	T	PARK 124	
	10.00-11.50	M TH	PARK 213	
	ABOVE SECT IS A HOLD SECT			
405	01.00	MTWTHF	PARK 124	FRANK CHARLES
	10.00	T	PARK 124	
	10.00-11.50	W F	PARK 213	
	ABOVE SECT IS A HOLD SECT			

Unless otherwise noted section numbers correspond to meeting dates as listed below:

Number	Meeting Dates	Number	Meeting Dates	Number	Meeting Dates	Number	Meeting Dates
101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		



115A	INTRODUCT BIOLOGY			04.0	CR	
201	10.00	M W F	LAWSON	151		
	08.00-09.50	T	LS II	423		
202	10.00	M W F	LAWSON	151		
	10.00-11.50	T	LS II	423		
203	10.00	M W F	LAWSON	151		
	01.00-02.50	T	LS II	423		
204	10.00	M W F	LAWSON	151		
	03.00-04.50	T	LS II	423		
205	10.00	M W F	LAWSON	151		
	08.00-09.50	W	LS II	423		
206	10.00	M W F	LAWSON	151		
	01.00-02.50	W	LS II	423		
207	10.00	M W F	LAWSON	151		
	03.00-04.50	W	LS II	423		
208	10.00	M W F	LAWSON	151		
	08.00-09.50	TH	LS II	423		
209	10.00	M W F	LAWSON	151		
	10.00-11.50	TH	LS II	423		
210	10.00	M W F	LAWSON	151		
	01.00-02.50	TH	LS II	423		
115B	INTRODUCT BIOLOGY			04.0	CR	
	PREREQ GSA 115A					
201	01.00	T TH	LAWSON	141		
	10.00-11.50	T TH	LS II	269		
202	01.00	T TH	LAWSON	141		
	08.00-09.50	T TH	LS II	269		
203	01.00	T TH	LAWSON	141		
	10.00-11.50	T TH	LS II	269		
204	01.00	T TH	LAWSON	141		
	01.00-02.50	W F	LS II	269		
205	01.00	T TH	LAWSON	141		
	08.00-09.50	W F	LS II	269		
206	01.00	T TH	LAWSON	141		
	12.00-01.50	W F	LS II	269		
202	INTRO TO SPACE SCI			04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ H.S. PHYS OR ONE OF GSA 101, PHYS 111, 206A OR 211A					
201	09.00	T TH	LAWSON	121	SANDERS FRANK C JR	
	09.00	W	LAWSON	221		
	09.00	F	NKRS C	403		
	OBSERVATION HRS TBA					
202	09.00	T TH	LAWSON	121	SANDERS FRANK C JR	
	09.00	W	LAWSON	221		
	09.00	F	NKRS C	405		
	OBSERVATION HRS TBA					
203	09.00	T TH	LAWSON	121	SANDERS FRANK C JR	
	09.00	W	LAWSON	221		
	09.00	M	NKRS C	403		
	OBSERVATION HRS TBA					
204	09.00	T TH	LAWSON	121	SANDERS FRANK C JR	
	09.00	W	LAWSON	221		
	09.00	M	NKRS C	405		
	OBSERVATION HRS TBA					
209	PRIN OF PHYSIOLOGY			04.0	CR	
201	09.00	M W F	LAWSON	161	SPRINGER MAURINE	
	10.00-11.50	M	LS II	149		
202	09.00	M W F	LAWSON	161	SPRINGER MAURINE	
	08.00-09.50	T	LS II	149		
203	09.00	M W F	LAWSON	161	SPRINGER MAURINE	
	10.00-11.50	W	LS II	149		
204	09.00	M W F	LAWSON	161	SPRINGER MAURINE	
	01.00-02.50	M	LS II	149		
205	09.00	M W F	LAWSON	161	SPRINGER MAURINE	
	01.00-02.50	T	LS II	149		
206	09.00	M W F	LAWSON	161	SPRINGER MAURINE	
	10.00-11.50	TH	LS II	149		
207	09.00	M W F	LAWSON	161	SPRINGER MAURINE	
	01.00-02.50	TH	LS II	149		

2208	SURVIVAL OF MAN			04.0	CR -(ELECTIVE PASS/FAIL)	
201	12.00	M W F	LAWSON	151	NOWAK	
	12.00	T	LS II	450		
202	12.00	M W F	LAWSON	151	NOWAK	
	12.00	TH	LS II	450		
203	12.00	M W F	LAWSON	151	NOWAK	
	01.00	T	LS II	146		
204	12.00	M W F	LAWSON	151	NOWAK	
	10.00	F	WHAM	317		
205	12.00	M W F	LAWSON	151	NOWAK	
	02.00	W	LS II	350		
206	12.00	M W F	LAWSON	151	NOWAK	
	03.00	T	LS II	450		
299D	SCIENCE-PROCS APPRO			04.0	CR	
202	08.00-09.50	M W F	LS II	480		
302	BIOLOGICAL PSYCH			03.0	CR	
	PREREQ NOT TAKE AFTER OR CONCURR WITH					
	PSYC 314-BIOL RECOMME					
201	11.00	M W F	LS II	350	IRWIN DONALD	
303	WILD FLOWERS			03.0	CR	
201	12.00-04.50	W	LS II	404	TATINA ROBERT E	
202	12.00-04.50	F	LS II	423	WILSON LAWRENCE K	
301	08.00-04.50	F	LS II	404	TATINA ROBERT E	
302	10.00-05.50	M	LS II	480	WILSON LAWRENCE K	
401	08.00-04.50	W	LS II	480	TAYLOR WILLIAM C	
	11.00	T	LS II	457	TAYLOR WILLIAM C	
402	08.00-04.50	M	LS II	404	TAYLOR WILLIAM C	
	12.00	T	LS II	457	TAYLOR WILLIAM C	
313	EVOLUTION			03.0	CR	
301	08.00	MTWTH	LS II	130	STAINS HOWARD JAMES	
322	INTR TO ROCKS & MIN			03.0	CR -(ELECTIVE PASS/FAIL)	
401	08.00	MTW F	PARK	124	ETHRIDGE FRANK	
	09.00-10.50	M W	PARK	112		
402	08.00	MTW F	PARK	124	ETHRIDGE FRANK	
	11.00-12.50	M W	PARK	112		
403	08.00	MTW F	PARK	124	ETHRIDGE FRANK	
	01.00-02.50	M W	PARK	112		
404	08.00	MTW F	PARK	124	ETHRIDGE FRANK	
	03.00-04.50	M W	PARK	112		
	ABOVE SECT IS A HOLD SECT					
330	WEATHER			03.0	CR	
201	TO BE ARRANGED					
	ABOVE SECT LRS CONDENSED MODULE LECTURE					
GSA 330, Section 1, is taught as a Condensed Module Lecture in the Self Instruction Center of Morris Library.						
202	09.00-10.50	T	LAWSON	131	JONES DAVID	
	11.00-12.50	T	AG	152		
203	09.00-10.50	T	LAWSON	131	JONES DAVID	
	01.00-02.50	T	AG	152		
204	09.00-10.50	T	LAWSON	131	JONES DAVID	
	09.00-10.50	W	AG	152		
205	09.00-10.50	T	LAWSON	131	JONES DAVID	
	11.00-12.50	W	AG	152		
340	ECOLOGY			03.0	CR -(ELECTIVE PASS/FAIL)	
301	10.00	MTWTH	LAWSON	201	ASHBY WILLIAM C	
356	CREAT IN SCI & TECH			04.0	CR	
201	09.00	MTWTH	TECH A	208		
361	ACOUSTICS OF MUSIC			03.0	CR	
301	02.00	MT THF	LAWSON	131	GORDON RODERICK D	

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101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

**GSB General Studies Area B—Man's Social Inheritance and Social Responsibilities**

103	GEOG MANS ENVIR		04.0 CR	
201	01.00	M W	LAWSON 141	WELSH MICHAEL
	02.00	M W	AG 152	
202	01.00	M W	LAWSON 141	WELSH MICHAEL
	08.00	T TH	AG 152	
203	01.00	M W	LAWSON 141	WELSH MICHAEL
	09.00	T TH	AG 152	
204	01.00	M W	LAWSON 141	WELSH MICHAEL
	12.00	T TH	AG 144	
205	01.00	M W	LAWSON 141	WELSH MICHAEL
	01.00	T TH	AG 144	
206	01.00	M W	LAWSON 141	WELSH MICHAEL
	08.00	W F	AG 152	
401	10.00-11.50	T TH	LAWSON 151	AREY DAVID
	12.00-01.50	T TH	0861 102	
402	10.00-11.50	T TH	LAWSON 151	AREY DAVID
	12.00-01.50	T TH	0861 101	
403	10.00-11.50	T TH	LAWSON 151	AREY DAVID
	02.00-03.50	T TH	AG 144	
404	10.00-11.50	T TH	LAWSON 151	AREY DAVID
	08.00-09.50	W F	AG 144	
405	10.00-11.50	T TH	LAWSON 151	AREY DAVID
	10.00-11.50	W F	AG 144	
406	10.00-11.50	T TH	LAWSON 151	AREY DAVID
	12.00-01.50	W F	AG 144	
104	MAN & HIS WRLD-ANTH		04.0 CR	
201	09.00	M W F	LAWSON 141	TYZZER ROBERT
	08.00	TH	H EC 306	
202	09.00	M W F	LAWSON 141	TYZZER ROBERT
	09.00	TH	H EC 203	
203	09.00	M W F	LAWSON 141	TYZZER ROBERT
	10.00	TH	H EC 306	
204	09.00	M W F	LAWSON 141	TYZZER ROBERT
	11.00	TH	H EC 306	
205	09.00	M W F	LAWSON 141	TYZZER ROBERT
	12.00	TH	H EC 306	
206	09.00	M W F	LAWSON 141	TYZZER ROBERT
	01.00	TH	H EC 306	
207	09.00	M W F	LAWSON 141	TYZZER ROBERT
	02.00	TH	H EC 306	
208	09.00	M W F	LAWSON 141	TYZZER ROBERT
	03.00	TH	H EC 306	
209	09.00	M W F	LAWSON 141	TYZZER ROBERT
	08.00	F	H EC 306	
210	09.00	M W F	LAWSON 141	TYZZER ROBERT
	11.00	F	H EC 306	
211	09.00	M W F	LAWSON 141	TYZZER ROBERT
	10.00	F	H EC 208	
212	09.00	M W F	LAWSON 141	TYZZER ROBERT
	04.00	TH	H EC 306	
105	CONTEMPORARY WORLD		04.0 CR	
201	12.00	MTW	LAWSON 161	BREHM DONALD
	09.00	F	H EC 122	
202	12.00	MTW	LAWSON 161	BREHM DONALD
	10.00	F	H EC 201	
203	12.00	MTW	LAWSON 161	BREHM DONALD
	11.00	TH	H EC 102	
204	12.00	MTW	LAWSON 161	BREHM DONALD
	09.00	W	H EC 122	
205	12.00	MTW	LAWSON 161	BREHM DONALD
	02.00	M	H EC 122	
206	12.00	MTW	LAWSON 161	BREHM DONALD
	12.00	TH	H EC 104	
207	12.00	MTW	LAWSON 161	BREHM DONALD
	12.00	F	H EC 104	



208	12.00	MTW	LAWSON	161	BREHM DONALD
	10.00	M	H EC	104	
209	12.00	MTW	LAWSON	161	BREHM DONALD
	10.00	T	H EC	202	
210	12.00	MTW	LAWSON	161	BREHM DONALD
	10.00	W	H EC	102	
211	12.00	MTW	LAWSON	161	BREHM DONALD
	09.00	TH	H EC	122	
212	12.00	MTW	LAWSON	161	BREHM DONALD
	09.00	T	H EC	122	
202	INTRO TO PSYCHOLOGY			04.0	CR
201	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	09.00-10.50	TH	PULL	118	
202	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	11.00-12.50	TH	PULL	118	
203	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	01.00-02.50	TH	PULL	118	
204	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	09.00-10.50	TH	PULL	119	
205	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	11.00-12.50	TH	PULL	119	
206	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	01.00-02.50	TH	PULL	119	
207	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	09.00-10.50	F	PULL	118	
208	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	11.00-12.50	F	PULL	118	
209	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	09.00-10.50	F	PULL	119	
210	11.00	M W	LAWSON	141	CARRIER NEIL ALAN
	11.00-12.50	F	PULL	119	
203	THE SOC PERSPECTIVE			04.0	CR
201	09.00	T TH	LAWSON	161	MCGLYNN EDWARD J
	08.00	M W	WHAM	208	
202	09.00	T TH	LAWSON	161	MCGLYNN EDWARD J
	09.00	M W	LS II	450	
203	09.00	T TH	LAWSON	161	MCGLYNN EDWARD J
	10.00	M W	COMM	1021	
204	09.00	T TH	LAWSON	161	MCGLYNN EDWARD J
	11.00	M W	COMM	1018	
205	09.00	T TH	LAWSON	161	MCGLYNN EDWARD J
	12.00	W F	LS II	450	
206	09.00	T TH	LAWSON	161	MCGLYNN EDWARD J
	01.00	W F	LS II	350	
207	09.00	T TH	LAWSON	161	MCGLYNN EDWARD J
	02.00	T TH	COMM	1018	
208	09.00	T TH	LAWSON	161	MCGLYNN EDWARD J
	03.00	T TH	LS II	350	
211	POLITICAL ECONOMY			04.0	CR -(ELECTIVE PASS/FAIL)
201	08.00	MTWTH	LAWSON	141	STALON CHARLES G
501	12.00-01.50	MT THF	LAWSON	171	WIEGAND G CARL
212	AM GOVT & POLITICS			04.0	CR -(ELECTIVE PASS/FAIL)
201	08.00	TWTHF	0495	219	
202	09.00	MT THF	0875	102	
203	10.00	MT TH	PARK	111	
	10.00	W	WHLR	212	
204	11.00	MT THF	0862	101	
205	12.00	TWTHF	WHAM	321	
206	01.00	MT THF	WHAM	329	
207	02.00	MTWTH	WHAM	317	
2208	SURVIVAL OF MAN			04.0	CR -(ELECTIVE PASS/FAIL)
201	12.00	M W F	LAWSON	151	NOWAK
	12.00	T	LS II	450	

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101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

202	12.00	M W F	LAWSON	151	NOWAK
	12.00	TH	LS II	450	
203	12.00	M W F	LAWSON	151	NOWAK
	01.00	T	LS II	146	
204	12.00	M W F	LAWSON	151	NOWAK
	10.00	F	WHAM	317	
205	12.00	M W F	LAWSON	151	NOWAK
	02.00	W	LS II	350	
206	12.00	M W F	LAWSON	151	NOWAK
	03.00	T	LS II	450	
300A	UNITED STATES HIST		03.0	CR	
201	01.00	MT TH	LAWSON	161	ALLEN HOWARD W
300C	UNITED STATES HIST		03.0	CR	
201	10.00	MT TH	LAWSON	161	BATINSKI MICHAEL
302	LAW- CIVIL RIGHTS		04.0	CR	-(ELECTIVE PASS/FAIL)
301	10.00-11.50	M W F	WHAM	112	NELSON RANDALL H
306	CHILD DEVELOPMENT		03.0	CR	
201	09.00	M W F	H EC	140B	FLYNN TIMOTHY
311	ECON DEV OF W CIVIL		04.0	CR	-(ELECTIVE PASS/FAIL)
201	10.00	MTWTH	0861	101	ADAMS DONALD R
321	SOCIALIZAT OF INDIV		03.0	CR	
201	02.00	TW F	WHAM	205	MALHOTRA-HAMMOND VAL
202	03.00	TW F	COMM	1006	MALHOTRA-HAMMOND VAL
301	02.00-03.50	T TH	WHAM	208	HENDRIX LEWELLYN
325	RACE & MIN RELATION		03.0	CR	
201	09.00	M W F	LS II	146	PATTERSON EDGAR I
202	11.00	M W F	CL	24	PATTERSON EDGAR I
331	AMER ED SYSTEM		03.0	CR	
201	09.00	M W F	WHAM	321	SHELTON WILLIAM
202	10.00	M W F	WHAM	321	SHELTON WILLIAM
341	MARRIAGE		03.0	CR	
201	08.00	M W F	WHAM	206	SEWARD RUDY R
202	10.00	M W F	COMM	1006	SEWARD RUDY R
345	INTR TO AM FGN POL		03.0	CR	-(ELECTIVE PASS/FAIL)
201	01.00	MT TH	WHAM	317	KLINGBERG FRANK
355	GEOG OF U S		03.0	CR	
301	09.00	M WTHF	LAWSON	131	CARTER DOUGLAS
385	CONTEMP POL IDEOLGI		03.0	CR	
201	11.00	M W F	H EC	118	MORTON WARD
390	INTR TO COMP GOVT		04.0	CR	-(ELECTIVE PASS/FAIL)
301	09.00-10.50	MT TH	0495	219	STAUBER LELAND

### GSC General Studies Area C—Man's Insights and Appreciations

100	MUSIC UNDERSTANDING		03.0	CR	-(ELECTIVE PASS/FAIL)
301	12.00	MT THF	LAWSON	131	NADAF GEORGE
401	01.00	MT THF	LAWSON	131	INTRAVAIA LAWRENCE
	12.00-01.50	W	LAWSON	131	
101	ART APPRECIATION		03.0	CR	
201	11.00	M W F	LAWSON	161	SULLIVAN
102	PROB-MORAL DEC-PHIL		03.0	CR	-(ELECTIVE PASS/FAIL)
401	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	01.00	M W	H EC	104	
402	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	11.00	T TH	H EC	104	
403	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	01.00	T TH	H EC	104	
404	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	01.00	W F	0720	101	
405	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	10.00	W F	H EC	104	
406	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	10.00	T TH	H EC	104	
407	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	11.00	W F	H EC	104	
408	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	02.00	T F	H EC	104	

409	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	09.00	T TH	H EC	104	
410	12.00	MTWTH	LAWSON	141	HOWIE JOHN
	09.00	W F	H EC	104	
107	MAN, LEISURE & REC			03.0	CR
201	10.00	M W F	NKRS B	240	SCHULTZ
123A	ELEMENTARY FRENCH			03.0	CR
601	08.00-09.50	MT THF	WHLR	207	
	08.00	W	WHLR	207	
	09.00	W	WHLR	18	
	ABOVE SECTION-JUNE 18-JULY 11				
123B	ELEMENTARY FRENCH			03.0	CR
	PREREQ GSC 123A				
201	10.00	M THF	WHLR	207	
	10.00	T	WHLR	18	
301	08.00-09.50	MT THF	WHLR	207	
	08.00	W	WHLR	207	
	09.00	W	WHLR	18	
302	11.00-12.50	MT THF	WHLR	207	
	11.00	W	WHLR	207	
	12.00	W	WHLR	18	
	ABOVE SECTION-JULY 11-AUG 2				
123C	ELEMENTARY FRENCH			03.0	CR
	PREREQ GSC 123B				
201	10.00	TH	WHLR	213	
	10.00	F	WHLR	113	
	10.00	M	H EC	122	
	10.00	T	WHLR	18	
202	11.00	MT F	GYM	204	
	11.00	TH	WHLR	18	
501	08.00-09.50	MT THF	WHLR	207	
	08.00	W	WHLR	207	
	09.00	W	WHLR	18	
	ABOVE SECTION-AUGUST 2-24				
502	08.00-09.50	MT THF	WHLR	207	
	08.00	W	WHLR	207	
	09.00	W	WHLR	18	
	ABOVE SECTION-AUGUST 2-24				
601	11.00-12.50	MT THF	WHLR	207	
	11.00	W	WHLR	207	
	12.00	W	WHLR	18	
	ABOVE SECTION-JUNE 18-JULY 11				
126	ELEMENTARY GERMAN			09.0	CR
201	09.00-10.50	MTWTH	WHLR	113	
	09.00	F	WHLR	113	
	10.00	F	WHLR	18	
	ACCELERATED				
202	10.00-11.50	MTW F	GYM	203	
	10.00	TH	GYM	203	
	11.00	TH	WHLR	18	
	ACCELERATED				
126C	ELEMENTARY GERMAN			03.0	CR
	PREREQ GSC 126B				
201	08.00	TH	WHLR	18	
	08.00	M W F	WHLR	212	
202	03.00	M W F	WHLR	107	
	03.00	TH	WHLR	18	
135A	ELEM PORTUGUESE			03.0	CR
601	TO BE ARRANGED				
	ABOVE SECTION-JUNE 18-JULY 11				
135B	ELEM PORTUGUESE			03.0	CR
	PREREQ GSC 135A				
301	TO BE ARRANGED				
	ABOVE SECTION-JULY 11-AUGUST 2				

Unless otherwise noted section numbers correspond to meeting dates as listed below:

Number	Meeting Dates	Number	Meeting Dates	Number	Meeting Dates	Number	Meeting Dates
101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		



135C	ELEM PORTUGUESE		03.0 CR
	PREREQ GSC 135B		
501	TO BE ARRANGED		
	ABOVE SECTION-AUGUST 2-24		
136	ELEMENTARY RUSSIAN		09.0 CR
201	09.00-10.50	MT THF	0720 102
	09.00	W	0720 102
	10.00	W	WHLR 18
	ACCELERATED		
136C	ELEMENTARY RUSSIAN		03.0 CR
	PREREQ GSC 136B		
201	11.00	M W F	WHLR 212
	11.00	TH	WHLR 18
140A	ELEMENTARY SPANISH		03.0 CR
201	08.00	M WTH	WHLR 107
	08.00	T	WHLR 18
202	12.00	M WTH	WHLR 107
	12.00	F	WHLR 18
203	01.00	M WTH	WHLR 207
	01.00	T	WHLR 18
	SEE SPAN LIST FOR CONVERSATION		
601	09.00-10.50	MTWTH	0721 102
	09.00	F	0721 102
	TO BE ARRANGED		
	ABOVE SECT-JUNE 18-JULY 11-1 HR LAB		TBA
602	09.00-10.50	MTWTH	0721 101
	09.00	F	0721 101
	TO BE ARRANGED		
	ABOVE SECT-JUNE 18-JULY 11-1 HR LAB		TBA
603	12.00-01.50	MTWTH	0721 101
	12.00	F	0721 101
	TO BE ARRANGED		
	ABOVE SECT-JUNE 18-JULY 11-1 HR LAB		TBA
140B	ELEMENTARY SPANISH		03.0 CR
	PREREQ GSC 140A		
201	08.00	M WTH	WHLR 113
	08.00	T	WHLR 18
202	11.00	M WTH	0720 118
	11.00	T	WHLR 18
	SEE SPAN LIST FOR CONVERSATION		
301	09.00-10.50	MTWTH	0721 102
	09.00	F	0721 102
	TO BE ARRANGED		
	ABOVE SECT-JULY 11-AUG 2-1 HR LAB		TBA
302	09.00-10.50	MTWTH	0721 101
	09.00	F	0721 101
	TO BE ARRANGED		
	ABOVE SECT-JULY 11-AUG 2-1 HR LAB		TBA
303	12.00-01.50	MTWTH	0721 101
	12.00	F	0721 101
	TO BE ARRANGED		
	ABOVE SECT-JULY 11-AUG 2-1 HR LAB		TBA
140C	ELEMENTARY SPANISH		03.0 CR
	PREREQ GSC 140B		
201	08.00	M WTH	WHLR 214
	08.00	T	WHLR 18
202	01.00	MT TH	GYM 204
	01.00	W	WHLR 18
203	02.00	M WTH	WHLR 214
	02.00	T	WHLR 18
	SEE SPAN LIST FOR CONVERSATION		
501	09.00-10.50	MTWTH	0721 102
	09.00	F	0721 102
	TO BE ARRANGED		
	ABOVE SECT-AUGUST 2-24-1 HR LAB		TBA
502	09.00-10.50	MTWTH	0721 101
	09.00	F	0721 101
	TO BE ARRANGED		
	ABOVE SECT-AUGUST 2-24-1 HR LAB		TBA

503	12.00-01.50	MTWTH	0721	101	
	12.00	F	0721	101	
	TO BE ARRANGED				
	ABOVE SECT-AUGUST 2-24-1 HR LAB TBA				
200	ORAL INTERP OF LIT		04.0	CR	
201	12.00	M WTHF	COMM	1020	
202	01.00	MTWTH	COMM	1020	
201	INTRO TO DRAMA		03.0	CR	
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
201	12.00	M W F	0720	109	
202	03.00	M W F	0720	108	
202	INTRO TO POETRY		03.0	CR	
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
201	09.00	M W F	0720	117	DODD DIANA
203	DRAMA-ARTS OF THEA		03.0	CR	
201	11.00	T TH	LAWSON	161	
	01.00	TH	COMM	1021	
202	11.00	T TH	LAWSON	161	
	02.00	F	COMM	1022	
203	11.00	T TH	LAWSON	161	
	03.00	TH	COMM	1018	
204	11.00	T TH	LAWSON	161	
	01.00	F	COMM	1017	
205	11.00	T TH	LAWSON	161	
	03.00	F	COMM	1021	
206	11.00	T TH	LAWSON	161	
	02.00	TH	COMM	1017	
207	11.00	T TH	LAWSON	161	
	12.00	F	COMM	1021	
208	11.00	T TH	LAWSON	161	
	12.00	TH	0875	101	
209	11.00	T TH	LAWSON	161	
	09.00	F	COMM	1022	
210	11.00	T TH	LAWSON	161	
	10.00	F	COMM	1021	
205	MANS CONTEMP ENVIR		04.0	CR	
201	09.00-10.50	T	LAWSON	171	GROSOWSKY H
	10.00	WTH	LAWSON	171	
206	FOUNDATIONS OF MUS		04.0	CR	-(ELECTIVE PASS/FAIL)
301	08.00	MTWTHF	ALTG	106	FLOYD SAMUEL
207	PHIL OF BEAUTIFUL		03.0	CR	-(ELECTIVE PASS/FAIL)
201	11.00	T TH	LAWSON	141	MCCLURE GEORGE
	10.00	W	H EC	202	
202	11.00	T TH	LAWSON	141	MCCLURE GEORGE
	10.00	F	H EC	202	
203	11.00	T TH	LAWSON	141	MCCLURE GEORGE
	12.00	W	H EC	104	
204	11.00	T TH	LAWSON	141	MCCLURE GEORGE
	01.00	TH	H EC	122	
205	11.00	T TH	LAWSON	141	MCCLURE GEORGE
	01.00	F	H EC	104	
206	11.00	T TH	LAWSON	141	MCCLURE GEORGE
	01.00	W	H EC	202	
207	11.00	T TH	LAWSON	141	MCCLURE GEORGE T
	02.00	W	H EC	104	
208	11.00	T TH	LAWSON	141	MCCLURE GEORGE T
	09.00	F	H EC	106	
209	11.00	T TH	LAWSON	141	MCCLURE GEORGE T
	09.00	W	H EC	106	
210	11.00	T TH	LAWSON	141	MCCLURE GEORGE T
	02.00	TH	H EC	104	

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209	LOGIC AND MEANING		04.0 CR -(ELECTIVE PASS/FAIL)
201	09.00	M W	LAWSON 151 MOORE WILLIS
	11.00	M W	H EC 122
202	09.00	M W	LAWSON 151 MOORE WILLIS
	11.00	T TH	H EC 122
203	09.00	M W	LAWSON 151 MOORE WILLIS
	01.00	W F	0720 116
204	09.00	M W	LAWSON 151 MOORE WILLIS
	01.00	T F	H EC 202
205	09.00	M W	LAWSON 151 MOORE WILLIS
	01.00	M TH	H EC 202
206	09.00	M W	LAWSON 151 MOORE WILLIS
	02.00	W F	H EC 122
207	09.00	M W	LAWSON 151 MOORE WILLIS
	10.00	T TH	H EC 122
208	09.00	M W	LAWSON 151 MOORE WILLIS
	10.00	W F	H EC 122
209	09.00	M W	LAWSON 151 MOORE WILLIS
	10.00	M W	PULL 119
210	09.00	M W	LAWSON 151 MOORE WILLIS
	11.00	T TH	0720 104
209	MOD LIT FORM IDEA		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	SATISFACTORY COMPLETION OF GSD	
		101 & 102, OR EQUIV	
201	01.00	MT THF	0720 118
202	02.00	MT THF	0720 118
210	INTRO TO FICTION		03.0 CR
	PREREQ	SATISFACTORY COMPLETION OF GSD	
		101 & 102, OR EQUIV	
201	08.00	M W F	0720 107
202	10.00	M W F	0720 118
203	11.00	M W F	0720 104
301	02.00	MT THF	0720 117 RICHMAN LOIS
2208	SURVIVAL OF MAN		04.0 CR -(ELECTIVE PASS/FAIL)
201	12.00	M W F	LAWSON 151 NOWAK
	12.00	T	LS II 450
202	12.00	M W F	LAWSON 151 NOWAK
	12.00	TH	LS II 450
203	12.00	M W F	LAWSON 151 NOWAK
	01.00	T	LS II 146
204	12.00	M W F	LAWSON 151 NOWAK
	10.00	F	WHAM 317
205	12.00	M W F	LAWSON 151 NOWAK
	02.00	W	LS II 350
206	12.00	M W F	LAWSON 151 NOWAK
	03.00	T	LS II 450
250	ELEM UNCOMMON LANG		15.0 CR
201	09.00-10.50	MTWTHF	AG 168 NGUYEN DINH HOA
	11.00	MTWTHF	0720 121 NGUYEN DINH HOA
	02.00	M W F	0720 116 NGUYEN DINH-HOA
	02.00	T TH	0720 114
		SECTION 1-INTENS ELEM VIETNAMESE (G.H.I.)	
202	09.00-10.50	MTWTHF	WOODY 3202 DONALDSON JEAN
	11.00	MTWTHF	0720 121 DONALDSON JEAN
	02.00	MTWTHF	WOODY 3202 DONALDSON JEAN
		SECTION 2-INTENS ELEM LAO (P.Q.R.)	
203	09.00-10.50	MTWTHF	H EC 8 LEWITZ SAVEROS
	11.00	MTWTHF	0720 121 LEWITZ SAVEROS
	02.00	MTWTHF	H EC 8
		SECTION 3-INTENS ELEM CAMBODIAN (S.T.U.)	
317	RECENT AMER LIT		03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	SATISFACTORY COMPLETION OF GSD	
		101 & 102, OR EQUIV	
201	09.00	M W F	0720 118 HILLIARD
202	10.00	M W F	0720 104 MCNICHOLS
203	12.00	M W F	0720 107 LEONARD
204	02.00	M WTH	0721 101 WESHINSKEY



301	11.00	MT THF	0720	117	WHITEHEAD
302	01.00	MT THF	0720	117	SHRIBER
303	02.00	MT THF	0720	109	CASSIDY
304	03.00	MT THF	0720	107	CASSIDY
348	PHOTOGRAPHY AS COMM			03.0	CR -(ELECTIVE PASS/FAIL)
301	02.00	MTW F	LAWSON	221	HORRELL
302	02.00	M WTHF	LAWSON	221	HORRELL
	ABOVE SECTS NOT OPEN TO C&P MAJ-NEED				
	STILL CAMERA				
349	THE CINEMA			03.0	CR -(ELECTIVE PASS/FAIL)
301	02.00	M	LAWSON	141	DAVIS
	02.00-03.50	T TH	LAWSON	141	
	ABOVE SECT--\$5.00 SCREENING FEE				
365	SHAKESPEARE			03.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ SATISFACTORY COMPLETION OF GSD				
	101 & 102, OR EQUIV				
301	12.00	MT THF	0720	106	KVERNES
371	EVOLUTION OF JAZZ			03.0	CR -(ELECTIVE PASS/FAIL)
301	11.00	MT THF	LAWSON	131	OLSSON PHILLIP

### GSD General Studies Area D—Organization and Communication of Ideas

101	ENGLISH COMPOSITION			03.0 CR	
201	08.00	M WTH	0720	114	
202	08.00	MT TH	0720	106	
203	08.00	M W F	0720	108	
204	09.00	MT TH	0720	109	
205	09.00	M WTH	0720	116	
206	10.00	MT TH	0720	117	
207	10.00	M WTH	0720	116	
208	11.00	MT TH	0720	116	
209	11.00	M WTH	0720	114	
210	12.00	MT TH	0720	104	
211	12.00	M WTH	0720	103	
212	01.00	MT TH	0720	116	
213	01.00	M WTH	0720	114	
214	02.00	MT TH	0720	108	
215	02.00	M WTH	0720	107	
216	03.00	MT TH	0720	106	
217	03.00	M WTH	0720	103	
102	ENGLISH COMPOSITION			03.0 CR	
	PREREQ	GSD 101 OR THE APPROPRIATE ACT SCORE			
201	09.00	M W F	0720	114	
202	10.00	M W F	0720	114	
203	11.00	M W F	0720	103	
204	02.00	M W F	0720	114	
205	03.00	M W F	0720	101	
104	GRAMMAR IN LANGUAGE			03.0 CR	
201	02.00	T TH	WHAM	308	CARRELL PATRICIA
	02.00	M	AG	148	
202	02.00	T TH	WHAM	308	CARRELL PATRICIA
	02.00	F	TECH A	220	
203	02.00	T TH	WHAM	308	CARRELL PATRICIA
	02.00	M	AG	150	
204	02.00	T TH	WHAM	308	CARRELL PATRICIA
	02.00	F	TECH A	222	
106	INTERMED ALGEBRA			00.0 CR	
201	08.00	TWTHF	0834	114A	
202	11.00	MTW F	0834	114A	
203	03.00	MTWTH	NKRS C	218	

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107	BASIC COLLEGE MATH	05.0 CR
	PREREQ GSD 106 OR 1 YR H.S. ALGEBRA	
201	08.00 MTWTHF	TECH A 320
202	09.00 MTWTHF	TECH A 308
203	10.00 MTWTHF	0834 114A
204	11.00 MTWTHF	TECH A 308
205	12.00 MTWTHF	NKRS C 118
206	01.00 MTWTHF	0834 114A
207	02.00 MTWTHF	0834 114A
208	03.00 MTWTHF	TECH A 308
209	04.00 MTWTHF	TECH A 308
110	ECON-BUS STATISTICS	03.0 CR -(ELECTIVE PASS/FAIL)
201	11.00 M WTH	LAWSON 171 STALON CHARLES G
152	INTERPERSONAL COMM	03.0 CR
201	09.00 MT TH	COMM 1022
202	10.00 T TH	LS II 330
	10.00 F	COMM 1018
203	11.00 MT TH	LS II 330
204	12.00 T THF	COMM 1022
205	01.00 T THF	COMM 1006
206	02.00 T THF	COMM 1006
207	03.00 MT TH	COMM 1022
401	02.00-03.50 M W F	COMM 1018
501	12.00-01.50 TWTH	COMM 1017
153	PUBLIC COMM	03.0 CR
201	01.00 M W F	COMM 1021
202	02.00 M W	COMM 1006
	02.00 F	COMM 1021
401	11.00-12.50 T THF	COMM 1018
160	MASS COMM IN SOC	03.0 CR
301	11.00 MTW F	LAWSON 201 RUCKER BRYCE

# **GSE General Studies Area E—Health and Physical Development**

101A	SWIM-BEGINNING-MEN	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR	
301	11.00 M WTH	PULL P 61 CARROLL PETER J
101B	SWIM-INTERMED-MEN	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR	
401	02.00-03.50 M W	PULL P 61 CARROLL PETER J
501	03.00-04.50 T TH	PULL P 61 CARROLL PETER J
101D	SKIN DIVING	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR	
401	01.00 M WTH	PULL P 61 CARROLL PETER J
	01.00 T	ARENA 119 CARROLL PETER J
	01.00 F	ARENA 121 CARROLL PETER J
101E	SCUBA DIVING	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSE 101D	
501	01.00 M WTH	PULL P 61 CARROLL PETER J
	01.00 F	ARENA 121 CARROLL PETER J
	01.00 T	ARENA 119 CARROLL PETER J
102	PHYSICAL FITNESS	02.0 CR -(ELECTIVE PASS/FAIL)
301	12.00 M W F	PULL 17 ACKERMAN KENNETH J
	12.00 T	PULL 17 ACKERMAN KENNETH J
	ABOVE SECTION DEVOTED TO WEIGHT TRAINING	
104A	ARCHERY- MEN	01.0 CR -(ELECTIVE PASS/FAIL)
401	02.00 T TH	ARENA 555 ELLIS WALTER
104D	BOWLING- MEN	01.0 CR -(ELECTIVE PASS/FAIL)
201	10.00 T TH	CENTER 103 ELLIS WALTER T
401	01.00-02.50 MTWTH	CENTER 103 ELLIS WALTER T
402	03.00-04.50 MTWTH	CENTER 103
104E	GOLF- MEN	01.0 CR -(ELECTIVE PASS/FAIL)
201	09.00 T TH	ARENA 555
401	01.00-02.50 M W	ARENA 555
	STUDENTS FURNISH OWN CLUBS & TRANSPORT & FEE REQ	

104H	TENNIS- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
201	10.00	M W	ARENA	555	
401	02.00-03.50	M W	ARENA	555	
104I	VOLLEYBALL- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
301	07.00-08.30 PM	M	GRASSY	100	
104J	SOFTBALL- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
301	09.00	MTWTH	ARENA	555	
104N	CROSS COUNTRY- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
301	05.30-07.00	M	GRASSY	100	
104O	FLY & BAIT CAST-MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
301	11.00	MTWTH	ARENA	555	FRANKLIN CECIL C
	MUST FURNISH FLY OR SPIN CAST EQUIPMENT				
104X	HANDBALL- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
301	09.00	MTWTH	ARENA	555	
111A	SWIM-BEGIN-WOMEN		01.0	CR	-(ELECTIVE PASS/FAIL)
301	08.00	MTWTH	PULL P	61	
111B	SWIM-INTERMED-WOMEN		01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSE 111A OR EQUIVALENT				
301	01.00-02.30	M W F	PULL P	61	
112	EXERCISE- FITNESS		01.0	CR	-(ELECTIVE PASS/FAIL)
301	08.00	MTWTH	GYM	207	
114A	ACTIVITY- ARCHERY		01.0	CR	-(ELECTIVE PASS/FAIL)
301	11.00-12.50	T TH	GYM	208	
114D	ACTIVITY- BOWLING		01.0	CR	-(ELECTIVE PASS/FAIL)
301	12.00	MTWTH	CENTER	103	
302	01.00	MTWTH	CENTER	103	
	FEE REQUIRED FOR GSE 114D				
114E	ACTIVITY- GOLF		01.0	CR	-(ELECTIVE PASS/FAIL)
301	10.00	MTWTH	GYM	114	
302	11.00	MTWTH	GYM	208	
114H	ACTIVITY- TENNIS		01.0	CR	-(ELECTIVE PASS/FAIL)
301	08.00-09.50	T TH	GYM	207	
302	09.00-10.50	M W	GYM	207	
303	09.00-10.50	T TH	GYM	207	
304	10.00-11.50	M W	GYM	207	
201	HEALTHFUL LIVING		03.0	CR	
201	08.00	MT TH	TECH A	322	LEFEVRE JOHN R
202	09.00	M W F	TECH A	408	
203	09.00	M WTH	TECH A	322	
204	09.00	THF	TECH D	131	
	09.00	T	TECH A	420	
205	10.00	T TH	TECH D	131	
	10.00	F	ARENA	119	
206	10.00	M W F	TECH A	408	
207	11.00	T TH	TECH A	320	
	11.00	F	TECH A	422	
208	11.00	M W F	TECH A	408	
209	12.00	M W F	TECH A	408	
210	12.00	T TH	TECH A	208	
	12.00	F	ARENA	119	
211	01.00	M W F	ARENA	123	
212	01.00	M W F	ARENA	119	
236	NUTRITIONAL ECOLOGY		03.0	CR	-(ELECTIVE PASS/FAIL)
201	09.00	M W F	WHAM	105	
202	10.00	M W F	WHAM	105	KONISHI FRANK
203	01.00	M W F	H EC	140B	WOLFE POHLE H
240	HUM REL BETWN SEXES		03.0	CR	
301	02.00-03.50	M W	TECH A	310	

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# SCHEDULE OF DEPARTMENTAL COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
<b>ACCT      Accounting</b>				
250	ACCT FUNDAMENTALS		04.0 CR	-(ELECTIVE PASS/FAIL)
201	10.00	MT THF	CL 12	TUCKER
202	01.00	MT THF	CL 12	TUCKER
251A	ACCT PRIN & CONTROL		04.0 CR	
	PREREQ SOPHOMORE STANDING			
201	09.00	MT THF	CL 12	SETH
202	12.00	MT THF	CL 12	SETH
251B	ACCT PRIN & CONTROL		04.0 CR	
	PREREQ ACCT 251A			
201	11.00	MT THF	CL 12	WRIGHT
202	02.00	MT THF	CL 12	WRIGHT
261	MANAGEMENT ACCT		04.0 CR	
	PREREQ GSD 107 AND ACCT 251B			
201	08.00	MTWTH	CL 12	ERIKSEN DOUGLAS
309	INDIV INCOME TAX		02.0 CR	
	PREREQ NON-MAJORS ONLY			
201	02.00	T TH	CL 18	SWICK RALPH DALE
331	TAX ACCOUNTING		04.0 CR	
	PREREQ ACCT 251B			
201	08.00	MT THF	CL 18	SWICK RALPH DALE
341	COST ACCOUNTING		04.0 CR	
	PREREQ ACCT 251B			
201	09.00	MT THF	CL 18	TUCKER
351A	INTERMEDIATE ACCT		04.0 CR	
	PREREQ ACCT 251B			
201	10.00	MTWTH	CL 18	ERIKSEN DOUGLAS
351B	INTERMEDIATE ACCT		04.0 CR	
	PREREQ ACCT 351A			
201	12.00	MTWTH	CL 18	BOOKER
453	ADVANCED ACCOUNTING		04.0 CR	
	PREREQ ACCT 351B			
201	11.00	MT THF	CL 18	WOELFEL CHARLES J
456	AUDITING		04.0 CR	
	PREREQ ACCT 341, 351B			
201	01.00	MTWTH	CL 18	BOOKER JON A
<b>ADSC      Administrative Sciences</b>				
170	INTRO TO BUS ADMIN		04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ FRESHMEN & SOPHOMORES ONLY			
201	11.00	MTWTHF	NKRS A 156	
301	MGT & SUPERVISION		04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 202, OR EQUIV, OR CONSENT OF INSTR			
201	12.00-01.50	W F	LAWSON 101	
303	BEHAV SCIENCE-BUS		04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSD 110 OR GSB 202, 203 OR EQUIV OR CONSENT OF INSTR			
201	08.00	MTWTH	LAWSON 101	
	CROSSLISTED WITH MKTG 303			
340	BUS ORG AND MGT		04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 202, 203 OR EQUIV-JR STAND OR CONSENT OF INSTR			
201	10.00	MTWTHF	LAWSON 141	BATEMAN DAVID N
341	ORGANIZ BEHAVIOR I		04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 340, GSD 110 OR EQUIV OR CONSENT OF INSTR			
201	11.00-12.50	M	CL 109	
	11.00-12.50	W	CL 328	
345	INTRO MGT INFO SYS		04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADSC 340 OR FIN 320 OR MKTG 301, CS 202			

201 10.00-11.50 T TH NKRS C 118  
 361 RESEARCH IN BUS ADM 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, ECON 308  
 201 01.00-02.50 M W NKRS C 116 BATEMAN DAVID  
 380 PRODUCTION MGT 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, 345, MATH 140A OR EQ  
 UIV OR CONSENT OF INST  
 201 01.00-02.50 T TH NKRS C 118  
 385 PERSONNEL MGT 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, GSD 110 OR EQUIV OR  
 CONSENT OF INSTR  
 201 09.00-10.50 W F PARK 111  
 452 BUS OPERATION ANAL 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, MATH 140A, GSD 110  
 OR EQUIV OR CONSENT  
 201 01.00-02.50 T F NKRS C 116  
 474 MGT RESP IN SOCIETY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, SR STANDING OR CONSE  
 NT OF INSTR  
 201 02.00-03.50 W F WHAM 112  
 479 PROBS-BUS AND ECON 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, ECON 215, 308, MKT 301  
 OR EQUIV-SR OR CONSENT  
 201 03.00-04.50 T TH CL 24 SANDERS RONALD L  
 481 ADMIN POLICY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, FIN 320, MKTG 301 OR  
 EQUIV & SR STANDING  
 201 08.00-09.50 T TH NKRS A 160  
 202 10.00-11.50 M PULL 39  
 10.00-11.50 W NKRS C 118  
 203 02.00-03.50 M W WHAM 203  
 499 SPEC TOPICS IN MGT 01.0 TO 08.0 CR  
 PREREQ 16 HRS IN BUSINESS & CONSENT O  
 F DEPT CHAIRMAN  
 201 TO BE ARRANGED

### AG I Agricultural Industries

306A SOIL & WATER CONS 03.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ONE COURSE IN SOILS  
 201 08.00 M W F AG 214 JONES JOE H  
 CROSS-LISTED WITH PL I306A  
 350 FARM MANAGEMENT 05.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ AG I 204 OR GSB 211A  
 301 10.00 M W F AG 225 HANSON ROLAND  
 10.00-11.50 T TH AG 225  
 359 INTERN PROGRAM 03.0 TO 05.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ JR STANDING  
 201 TO BE ARRANGED BENTON RALPH A  
 361 SKIL IN HOME REPAIR 03.0 CR  
 201 08.00-09.50 T TH 0832 101  
 10.00 T 0832 101  
 390 SPEC STUD AG I 01.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 201 TO BE ARRANGED  
 391 HONORS IN AG INDUST 01.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ JR STAND, 4.0GPA, 4.25 IN MAJ-AP  
 PROV-FAC MEMB-DEPT CH  
 201 TO BE ARRANGED  
 420 KNOW & SKILL- AG ED 02.0 TO 04.0 CR  
 PREREQ DEMONSTRATED ABILITY IN AREA  
 SELECTED FOR ADV STUDY  
 201 TO BE ARRANGED HOERNER HARRY J  
 478 AG MAT HANDLING SYS 04.0 CR  
 PREREQ AG I 215, 350 OR EQUIV

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201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

401	01.00-02.50	MT THF	0832	101	WOLFF ROBERT L
	01.00-04.50	W	0832	101	
	ABOVE SECT-JUNE 25-JUL 20				
485	PRIN-PHIL VO TEC ED		03.0 CR		
	PREREQ	STUDENT TEACHING OR CONSENT OF DEPARTMENT			
601	09.00-10.50	MTWTHF	TECH A	221	WOOD EUGENE S
	ABOVE SECT-JUNE 25-JUL 13-X-LIST W/HEED, DE.SEC 485				
505	AG I RES METHOD		03.0 CR		
601	09.00-10.50	MTWTH	AG	155	LYBECKER D W
	ABOVE SECTION-JUNE 25-JULY 20				
520	READINGS		01.0 TO 06.0 CR		
201	TO BE ARRANGED				
525	COOP VOC-TECH ED		04.0 CR		
	PREREQ	STUDENT TEACHING			
601	11.00-12.50	MTWTHF	TECH A	220	BENTON RALPH A
	ABOVE SECT-JUNE 25-JUL 13-X-LIST W/HEED, DE.SEC 525				
575	INDIVIDUAL RESEARCH		01.0 TO 06.0 CR		
201	TO BE ARRANGED				
581	SEMINAR		01.0 TO 06.0 CR		
301	TO BE ARRANGED				
588	INTERNAT GRAD STUDY		01.0 TO 12.0 CR		WILLS WALTER
	PREREQ	CONSENT OF DEPT			
201	TO BE ARRANGED				
599	THESIS		01.0 TO 09.0 CR		WILLIS WALTERJ
201	TO BE ARRANGED				
<b>A J Administration of Justice</b>					
200	INTRO-CRIMINAL BEH		04.0 CR		
201	10.00-11.50	T TH	NKRS B	440	JOHNSON ELMER H
201	SOC RESPON-OFFENDER		04.0 CR		
201	08.00-09.50	T TH	H EC	140B	RICH VERNON
302	COMM-BASED CORRECT		04.0 CR		
401	03.00-04.50	MTWTH	H EC	102	WILSON Nanci
305	LEGAL ASPECTS		04.0 CR		
201	10.00-11.50	M W	PULL	118	
383	INTERNSHIP		04.0 TO 12.0 CR		
	PREREQ	16 HRS AJ & WRIT PERMISSION OF CENTER ACADEMIC COORD			
201	TO BE ARRANGED				
	ABOVE SECT RESTR TO WRITTEN PERMISSION OF INSTRUCTOR				
396	READINGS IN AJ		01.0 TO 04.0 CR		
	PREREQ	WRIT PERM CENTER ACAD COORD & APPROV OF AJ ADVISOR			
201	TO BE ARRANGED				
	ABOVE SECT RESTR TO WRITTEN PERMISSION OF INSTRUCTOR				
411	CRIT ISSUE-CRIM JUS		04.0 CR		
201	01.00-04.50	F	WHAM	203	
416	INTRO TO RESEARCH		04.0 CR		
	PREREQ	CONSENT OF INSTR			
301	08.00-10.50	T TH	PULL	39	BARRY DONALD M
472	AM CORRECT SYSTEM		04.0 CR		
	PREREQ	CONSENT OF INSTR			
201	08.00-09.50	W F	PULL	39	
483	PROB IN CORRECTIONS		04.0 CR		
	PREREQ	AJ 472 OR CONSENT OF INSTR			
401	01.00-02.50	MTWTH	PULL	39	JOHNSON ELMER H
489E	INDEPT STUDY CORR		02.0 TO 04.0 CR		
	PREREQ	WRITTEN PERMISSION OF CENTER ACAD COORD			
201	TO BE ARRANGED				
	ABOVE SECT RESTR TO WRITTEN PERMISSION OF INSTRUCTOR				
515	CRIME PREV & CONTRO		04.0 CR		
401	03.00-04.50	MTWTH	H EC	122	MATTHEW CHARLES



578 SEM IN CORR REH CO 01.0 TO 06.0 CR  
PREREQ CONSENT OF INSTR

201 10.00-12.50 M 0871 102 GRENFELL JOHN  
CROSSLISTED WITH REHB 578

580 DES.PLAN & MGT - AJ 04.0 CR  
701 01.00-04.50 M WTH H EC 118 EYNON THOMAS G

582 LAW AND CORRECTIONS 04.0 CR  
PREREQ CONSENT OF INSTRUCTOR

401 11.00-12.50 TWTHF PULL 39 WOODARD JESSE L  
CROSSLISTED WITH GOVT 582

583A SUPER FIELD WK-CORR 06.0 CR  
PREREQ WRITTEN PERMISSION OF CENTER  
ACAD COORDINATOR

201 TO BE ARRANGED ANDERSON DENNIS B  
ABOVE SECT RESTR TO WRITTEN PERMISSION  
OF INSTRUCTOR

583B SUPER FIELD WK-CORR 06.0 CR  
PREREQ WRITTEN PERMISSION OF CENTER  
ACAD COORDINATOR

201 TO BE ARRANGED ANDERSON DENNIS B  
ABOVE SECT RESTR TO WRITTEN PERM OF  
INSTRUCTOR

591 SUPERVISED READINGS 01.0 TO 05.0 CR  
PREREQ CONSENT OF INSTRUCTOR AND DEPT  
CHAIRMAN

201 TO BE ARRANGED RICH VERNON  
ABOVE SECT RESTR TO AJ MAJ & WRIT PERM  
OF INSTRUCTOR

599 THESIS 01.0 TO 09.0 CR  
PREREQ WRITTEN PERMISSION OF CENTER  
ACAD COORD

201 TO BE ARRANGED JOHNSON ELMER H  
ABOVE SECT RESTR TO WRITTEN PERMISSION  
OF INSTRUCTOR

**ANI Animal Industries**

121 SCIENCE OF ANIMALS 04.0 CR -(ELECTIVE PASS/FAIL)  
201 11.00 MTW F AG 102 OLSON HOWARD H  
10.00-11.50 TH AG 132

332 ANIM BREED & GENET 04.0 CR -(ELECTIVE PASS/FAIL)  
PREREQ AN I 121, GSA 115B OR EQUIV

201 08.00 MTWTH AG 132 GOODMAN BILLY L

359 INTERN PROGRAM 03.0 TO 05.0 CR-(MANDATORY PASS/FAIL)  
PREREQ JR STANDING

201 TO BE ARRANGED MARION GERMAIN B

390 SPEC STUD AN I 01.0 TO 06.0 CR-(MANDATORY PASS/FAIL)  
PREREQ JR OR SR STANDING AND CONSENT  
OF DEPT CHAIRMAN

201 TO BE ARRANGED

391 HONORS IN AN I 01.0 TO 06.0 CR-(MANDATORY PASS/FAIL)  
PREREQ JR STANDING, 4.0 GPA, 4.25 IN  
MAJ, CONSENT OF DEPT

201 TO BE ARRANGED

487 COMM LIVESTOCK FEED 04.0 CR -(ELECTIVE PASS/FAIL)  
PREREQ AN IND 315

601 09.00-10.50 M THF AG 116 KAMMLADE W G JR  
09.00-11.50 T AG 120

502 SURG RES TEC-FARM A 03.0 CR  
PREREQ CONSENT OF INSTRUCTOR

201 10.00 M AG 114 STRACK LOUIS E  
10.00-12.50 F AG 120

520 READINGS IN AN IND 01.0 TO 06.0 CR  
201 TO BE ARRANGED

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201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

575	INDIVIDUAL RESEARCH	01.0 TO 06.0 CR	
201	TO BE ARRANGED		
581	SEMINAR	01.0 TO 06.0 CR	
201	04.00 T AG 214		HAUSLER CARL
588	INTERNAT GRAD STUDY	01.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
201	TO BE ARRANGED		

# **ANTH Anthropology**

275	INDIVIDUAL STUDY	01.0 TO 18.0 CR	
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		
311A	PEOPLE-CULT WORLD I	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
601	09.00-10.50 M W F H EC 306		GRIMES LARRY
	09.00 T TH H EC 306		
314B	PEOPLE-CULT WRLD IV	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
201	10.00-11.40 T TH H EC 106		MARING JOEL
399	HONORS TUTORIAL	03.0 TO 09.0 CR	
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		
444	COMPARATIVE REL	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
201	01.00-02.40 M W H EC 106		MARING ESTER
483	INDIV STUDY IN ANTH	01.0 TO 18.0 CR	
201	TO BE ARRANGED		
497	HONORS IND RESEARCH	01.0 TO 18.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
201	TO BE ARRANGED		
499	HONORS THESIS	03.0 TO 12.0 CR	
	PREREQ ANTH 399 AND CONSENT OF DEPT		
201	TO BE ARRANGED		
581	SEM-ANTHROPOLOGY	03.0 TO 09.0 CR	
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		
582	PROB-ARCHAEOLOGY	01.0 TO 27.0 CR	
201	TO BE ARRANGED		
584	PROB-CULTURAL ANTH	01.0 TO 27.0 CR	
201	TO BE ARRANGED		
585	READINGS IN ANTH	01.0 TO 27.0 CR	
201	TO BE ARRANGED		
597	FIELDWORK IN ANTH	01.0 TO 27.0 CR	
201	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
201	TO BE ARRANGED		MULLEN JON
600	DISSERTATION	01.0 TO 36.0 CR	
201	TO BE ARRANGED		

# **ART Art**

100A	SCULPTURE-CRAFTS	04.0 CR	
301	08.00-10.50 M W F 0549 101		
100B	CRAFTS-SCULPTURE	04.0 CR	
301	11.00-01.50 M W F PULL I 105		
100C	PAINTING-GRAPHICS	04.0 CR	
301	08.00-10.50 M W F 0839 103		PAULSON
100D	GRAPHICS-DRAWING	04.0 CR	
301	08.00-10.50 T TH 0839 103		
100E	DRAWING-PAINTING	04.0 CR	
301	11.00-02.50 M W F 0839 103		PAULSON
200A	SCULPTURE	04.0 CR	
	PREREQ 12 HRS OF ART 100		
301	11.00-02.50 M W F 0549 101		
200B	DRAWING	04.0 CR	
	PREREQ 12 HRS OF ART 100		
301	08.00-10.50 M W F PULL 214		ONKEN
200C	PAINTING	04.0 CR	
	PREREQ 12 HRS OF ART 100		

301	08.00-10.50	T TH	PULL	214	LITTLEFIELD
300A	ART ED FOR EL TEACH		04.0 CR		
301	TO BE ARRANGED				
302A	POTTERY-BEGINNING		04.0 CR		
	PREREQ 12 HRS OF ART 100 OR CONSENT OF INSTR				
301	08.00-10.50	M W F	PULL I	105	
302	11.00-02.50	M W F	PULL I	105	BOYSEN
307	THEORY&PHIL ART ED		03.0 CR		
301	TO BE ARRANGED				ABRAHAMSON
308	CUR & ADM - ART ED		03.0 CR		
301	09.00	MTWTH	0833	103	GREENFIELD
	TO BE ARRANGED				
320	OIL PAINT TECHNIQUE		02.0 TO 12.0 CR		
	PREREQ ART 200C OR CONSENT OF INSTR				
301	11.00-02.50	T TH	PULL	214	LITTLEFIELD
332A	JEWELRY & METALSMITH		04.0 CR		
	PREREQ 12 HRS OF ART 100 OR CONSENT OF INSTR				
301	08.00-10.50	M F	PULL I	105	
	TO BE ARRANGED				
302	11.00-01.50	M W F	PULL I	105	
340R	IMPRESISM TO CUBISM		03.0 CR		
	PREREQ ART 225A,B,C				
301	09.00	WTHF	LAWSON	171	WALSH
	09.00	T	LAWSON	141	WALSH
341	DRAWING		02.0 TO 12.0 CR		
	PREREQ 12 HRS OF ART 100, 200 OR CONSENT OF INSTR				
301	11.00-02.50	M W F	PULL	214	ONKEN
343	ART STUDIO-NON MAJ		03.0 CR		
301	10.00-12.50	T TH	0842	102	WALSH
	TO BE ARRANGED				
302	10.00-12.50	T TH	0842	101	
	TO BE ARRANGED				
358A	PRINTMAKING- ETCH		04.0 TO 12.0 CR		
	PREREQ ART 100, 12 HRS, ART 200, 12 HRS AND CONSENT OF INST				
301	08.00-10.50	T TH	PULL	204	
365	ART ED METHODS		04.0 CR		
	PREREQ ART 100				
301	10.00-11.50	MTWTH	0833	103	GREENFIELD
385A	WEAVING - BEGIN		04.0 CR		
	PREREQ 12 HRS ART 100				
301	08.00-10.50	M W F	PULL I	105	
393	SCULPTURE		04.0 TO 12.0 CR		
	PREREQ ART 200-12 HRS				
301	08.00-10.50	T TH	0549	103	ADDINGTON
401	PAINTING I		02.0 TO 24.0 CR		
301	TO BE ARRANGED				BERNSTEIN
403	DRAWING I		02.0 TO 24.0 CR		
301	TO BE ARRANGED				LINK
405	SCULPTURE I		02.0 TO 24.0 CR		
301	11.00-01.50	F	0549	103	ADDINGTON
	TO BE ARRANGED				
410	PRINTMAKING I		02.0 TO 24.0 CR		
301	11.00-02.50	T TH	PULL	208	
415	STUDIO IN PRINTS		02.0 TO 24.0 CR		
301	11.00-01.50	TW F	PULL I	105	
420	CERAMICS I		02.0 TO 24.0 CR		
301	08.00-10.50	F	PULL I	105	BOYSEN
	TO BE ARRANGED				
428	GLASSBLOWING I		02.0 TO 24.0 CR		
301	TO BE ARRANGED				

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430	METALSMITHING I	02.0 TO 24.0 CR		
301	08.00-10.50	W F	PULL I 105	KINGTON
	TO BE ARRANGED			
466	STUDIO IN ART ED	02.0 TO 12.0 CR		
301	TO BE ARRANGED			ABRAHAMSON
501	PAINTING II	02.0 TO 24.0 CR		
301	TO BE ARRANGED			BERNSTEIN
503	DRAWING II	02.0 TO 24.0 CR		
301	TO BE ARRANGED			LINK
504	SCULPTURE II	02.0 TO 24.0 CR		
301	11.00-01.50	F	0549 103	ADDINGTON
	TO BE ARRANGED			
511	PRINTMAKING II	02.0 TO 24.0 CR		
301	TO BE ARRANGED			
515	WEAVING II	02.0 TO 24.0 CR		
301	11.00-01.50	TW F	PULL I 105	
520	CERAMICS II	02.0 TO 24.0 CR		
301	TO BE ARRANGED			BOYSEN
530	METALSMITHING II	02.0 TO 24.0 CR		
301	08.00-10.50	W F	PULL I 105	KINGTON
	TO BE ARRANGED			
558	READ IN ART HISTORY	02.0 TO 05.0 CR		
301	TO BE ARRANGED			SULLIVAN J
566	RESEARCH ART EDUC	02.0 TO 12.0 CR		
301	TO BE ARRANGED			ABRAHAMSON
599	THESIS	04.0 TO 09.0 CR		
	PREREQ COMPLETION OF CORE REQUIREMNTS			
301	TO BE ARRANGED			

#### ASIA Asian Studies

395A	CUL TRAD INDO-CHINA	04.0 CR		
201	02.00-03.50	T TH	0720 116	NGUYEN DINH-HOA
395B	CUL TRAD INDO-CHINA	04.0 CR		
201	02.00-03.50	T TH	H EC 202	MARING ESTER G

#### B A Business Administration

502	BUSINESS & SOCIETY	04.0 CR		
	PREREQ ENROLLMENT IN MBA PROGRAM OR			
	CONSENT OF INSTR			
301	12.00-01.50	M	WHAM 228	WATERS GOLA E
	01.00-03.50	W	CL 24	
510	MGR ACCT & CONTROL	04.0 CR		
	PREREQ ENROLLMENT IN MBA PROGRAM OR			
	CONSENT OF INSTR			
201	02.00-03.50	M TH	WHAM 205	SHIRISH SETH
514	CONTROLLERSHIP	04.0 CR		
	PREREQ ENROLLMENT IN MBA PROGRAM OR			
	CONSENT OF INSTR			
201	08.00-09.50	T F	CL 24	WRIGHT ROLAND
521	BUSINESS COND ANAL	04.0 CR		
	PREREQ ENROLLMENT IN MBA PROGRAM OR			
	CONSENT OF INSTR			
201	01.00-02.50	T F	CL 326	WINN EDWARD L
533	INVESTMENT CONCEPTS	04.0 CR		
	PREREQ ENROLLMENT IN MBA PROGRAM OR			
	CONSENT OF INSTR			
201	10.00-11.50	M TH	CL 326	VAUGHN DONALD
544	PRODUCTION MGT	04.0 CR		
	PREREQ ENROLLMENT IN MBA PROGRAM OR			
	CONSENT OF INSTR			
201	10.00-11.50	T F	CL 326	MATTHEISS T
550	MARKETING MGT	04.0 CR		
	PREREQ ENROLLMENT IN MBA PROGRAM OR			
	CONSENT OF INSTR			
201	10.00-11.50	T TH	CL 24	CLIFTON ANDERSEN
590	INDEPENDENT STUDY	04.0 CR		
	PREREQ ENROLLMENT IN MBA PROGRAM OR			
	CONSENT OF INSTR			
201	TO BE ARRANGED			WATERS GOLA

598 BUSINESS POLICIES 04.0 CR  
 PREREQ ENROLLMENT IN MBA PROGRAM OR  
 CONSENT OF INSTR  
 201 08.00-09.50 M W CL 24 HUNT JAMES  
 599 THESIS 04.0 TO 08.0 CR  
 PREREQ ENROLLMENT IN MBA PROGRAM OR  
 CONSENT OF INSTR  
 201 TO BE ARRANGED WATERS GOLA

### BAS Black American Studies

309 INTRO BLACK STUDIES 03.0 CR  
 PREREQ GSB 102 & 109  
 201 02.00-03.50 T TH H EC 106 PATTERSON RUBY L  
 318 SEM-BLACK STUDIES 02.0 TO 12.0 CR  
 PREREQ GSB 309 OR GSC 325 OR CONSENT  
 OF INSTR  
 201 01.00-03.50 M GYM 203  
 320 SEM-GROUP LDRSHIP 02.0 CR  
 PREREQ GSB 109 OR CONSENT OF INSTRUCT  
 OR  
 201 01.00-02.50 W PULL 118  
 322 METH OF BLK STUDIES 04.0 CR  
 PREREQ GSB 109 OR CONSENT OF INSTRUCT  
 OR  
 201 01.00-04.30 F PULL 39 HOLMES JOHN S

### BIOL Biology

305 GENETICS-CLAS & MOL 04.0 CR  
 PREREQ GSA 201B OR 210B OR ADVANCED  
 STANDING IN BIOLOGY  
 301 09.00 MTWTHF LAWSON 201 ENGLERT D  
 306 DEVELOPMENTAL BIOL 04.0 CR  
 PREREQ GSA 201B OR 210B OR ADVANCED  
 STANDING IN BIOLOGY  
 301 08.00 MTWTHF LAWSON 201 PAPPELIS-HAAS  
 307 ENVIRONMENTAL BIOL 04.0 CR  
 PREREQ GSA 201B OR 210B OR ADVANCED  
 STANDING  
 301 03.00 MTWTHF NKRS B 240  
 308 ORGANISMIC BIOLOGY 04.0 CR  
 PREREQ GSA 201B OR 210B OR ADVANCED  
 STANDING  
 301 02.00 MTWTHF NKRS B 240 SHEPHERD BENJAMIN A  
 401 ECOLOGY 04.0 CR  
 401 TO BE ARRANGED YAMBERT PAUL  
 SUMMER STATION PARTICIPANT

### BOT Botany

300 MORPH NON-VAS PLANT 04.0 CR  
 PREREQ GSA 115B  
 201 11.00 M W F LS II 450 SUNDBERG WALTER  
 10.00-11.50 T LS II 404  
 301 MORPH VAS PLANTS 05.0 CR  
 PREREQ GSA 115B  
 201 01.00 M W F LS II 450 KAEISER MARGARET  
 01.00-02.50 T TH LS II 404  
 320 PLANT PHYSIOLOGY 05.0 CR  
 PREREQ GSA 115B, CHEM 305 OR MINOR IN  
 CHEM  
 201 08.00 M W F LS II 430 SCHMID WALTER  
 08.00-09.50 T TH LS II 457 SCHMID WALTER  
 390 READINGS - BOTANY 02.0 TO 04.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ BOT MAJOR AND CONSENT OF INSTR  
 201 TO BE ARRANGED

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101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

391	SPEC PROB IN BOTANY	02.0 TO 05.0 CR-(ELECTIVE PASS/FAIL)	
	PREREQ BOT MAJOR AND CONSENT OF DEPT		
201	TO BE ARRANGED		
392	HONORS IN BOTANY	03.0 TO 21.0 CR	
	PREREQ CONSENT OF DEPARTMENT		
201	TO BE ARRANGED		MOHLENBROCK ROBERT
405	MYCOLOGY	05.0 CR	
	PREREQ BOT 300		
201	02.00	M W F LS II 480	SUNDBERG WALTER
	01.00-02.50	T TH LS II 480	
440B	ADVANCED ECOLOGY	05.0 CR	
	PREREQ BIOL 307 CR CONSENT OF DEPT		
301	08.00	MTWTH LS II 450	ASHBY WILLIAM C
	08.00-11.50	S LS II 453	ASHBY WILLIAM C
441	FLD STU-LOWER PLANT	04.0 CR	
401	07.00-02.50 PM	M TH GRASSY 100	STOTLER BARBARA
	SUMMER STATION PARTICIPANT		
442	FLD STU-HIGHER PLAN	04.0 CR	
401	07.00-02.50 PM	T F GRASSY 100	STOTLAR RAY
	SUMMER STATION PARTICIPANT		
446	TROPICAL ECOLOGY	12.0 CR	
	PREREQ ADV UNDERGRAD OR GRAD STANDING		
	IN BIOL SCIENCES		
201	TO BE ARRANGED		UGENT DONALD
447B	FLD STUDY-ROCKY MTS	04.0 TO 12.0 CR	
	PREREQ ADV STAND IN ONE BIOL SCI AND		
	CONS OF INSTR		
501	07.00-05.50 PM	MTWTHF MONT.	ROBERTSON PHIL
503D	ADV ANGIOSPERM TAX	05.0 CR	
	PREREQ BOT 503C		
201	01.00-03.50	M WTH LS II 457	MOHLENBROCK ROBERT
533	GRO DEV IN PLANTS	03.0 TO 04.0 CR	
	PREREQ BOT 320 OR CONSENT OF INSTR		
201	09.00	M W F LS II 430	YOPP JOHN H
	08.00-09.50	T TH LS II 453	YOPP JOHN H
551	MISS FLORA UPLAND	04.0 CR	
	PREREQ GSA 303 OR CONSENT OF INSTR		
401	08.00-04.50	T F LS II 480	MOHLENBROCK ROBERT
552	MISS FLORA AQUATIC	04.0 CR	
	PREREQ GSA 303 OR CONSENT OF INSTR		
201	09.00-04.50	TH LS II 480	TINDALL DONALD R
570	READINGS - BOTANY	02.0 TO 05.0 CR	
201	TO BE ARRANGED		
590	INTRO TO RESEARCH	02.0 TO 04.0 CR	
201	TO BE ARRANGED		ROBERTSON PHIL
202	11.00-12.50	T TH LS II 453	PAPPELIS ARISTOTEL J
591	RESEARCH	03.0 TO 09.0 CR	
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		
599	THESIS	03.0 TO 09.0 CR	
201	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 36.0 CR	
201	TO BE ARRANGED		

### C & F Child and Family

227	MARRIAGE-FAMILY LIV	03.0 CR	
201	12.00	M W F H EC 140B	
237	CHILD DEVELOPMENT	03.0 CR	
201	08.00	M W F H EC 140B	PONTON MELVA F
345A	CHILD DEVELOP PRACT	03.0 CR	
	PREREQ C&F 237, PSYC 301, OR GSB 306		
201	03.00	M H EC 203	HOSKIN BARBARA
	TO BE ARRANGED		
345B	CHILD DEVELOP PRACT	04.0 CR	
	PREREQ C&F 237, PSYC 301, OR GSB 306		
201	03.00	T TH H EC 203	HOSKIN BARBARA
	TO BE ARRANGED		
366	FAMILY DEVELOPMENT	03.0 CR	
	PREREQ C&F 227 OR GSB 341		



201	03.00	M W F	H EC	206	BARLOW BRENT A
408	WORKSHOP			02.0 CR	
301	10.00-11.50	MTWTHF	H EC	206	FLYNN TIMOTHYM
	ABOVE SECT-JUN 18-29 DEV MOTIV TRAITS IN CHILD				
302	10.00-11.50	MTWTHF	H EC	206	BARLOW BRENT A
	ABOVE SECT-JULY 2-13 TEACHING SEX EDUC				
303	10.00-11.50	MTWTHF	H EC	206	HOSKIN BARBARA
	ABOVE SECT-JULY 16-27 WOMEN IN PROFESSION				
304	10.00-11.50	MTWTHF	H EC	206	PONTON MELVA F
	ABOVE SECT-JUL 30-AUG 10 FAM GUID THRU COM SER				
445	ADM PRE-SCHOOL PROG			04.0 CR	
	PREREQ 345A AND 345B, OR CONSENT OF INSTRUCTOR				
301	02.00	MTWTHF	H EC	206	PONTON MELVA F
471	FIELD EXPERIENCE			02.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
201	TO BE ARRANGED				ZUNICH MICHAEL
481	READINGS			02.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR & CHAIRMAN				
201	TO BE ARRANGED				ZUNICH MICHAEL
556	PRE-SCHOOL CHILD			04.0 CR	
201	01.00	M W F	H EC	206	ZUNICH MICHAEL
572	SPECIAL PROBLEMS			02.0 TO 08.0 CR	
	PREREQ CONSENT OF DEPT				
301	TO BE ARRANGED				ZUNICH MICHAEL
599	THESIS			02.0 TO 09.0 CR	
301	TO BE ARRANGED				

### C & P Cinema and Photography

320	FUND OF STILL PHOTO			04.0 CR	-(ELECTIVE PASS/FAIL)
301	02.00-03.50	T	COMM	1122	GOODGER-HILL
	02.00-03.50	M	COMM	1122	GOODGER-HILL
	10.00-11.50	M	COMM	1135	GOODGER-HILL
302	02.00-03.50	M	COMM	1122	GOODGER-HILL
	02.00-03.50	W	COMM	1122	GOODGER-HILL
	10.00-11.50	T	COMM	1135	GOODGER-HILL
303	02.00-03.50	TH	COMM	1122	GOODGER-HILL
	02.00-03.50	M	COMM	1122	GOODGER-HILL
	10.00-11.50	W	COMM	1135	GOODGER-HILL
322	FUND OF COLOR PHOTO			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ C&P 321 & CONSENT OF DEPT				
301	08.00-09.50	M W	COMM	1122	GILMORE
	01.00-02.30	TH	COMM	1135	
302	08.00-09.50	T TH	COMM	1122	GILMORE
	01.00-02.30	F	COMM	1135	
350	INTRO TO CINEMA			04.0 CR	-(ELECTIVE PASS/FAIL)
301	01.00-03.50	T TH	LAWSON	201	BLUMENBERG
	ABOVE SECT-\$5.00 SCREENING FEE				
355	BEGIN FILM PRODUCT			04.0 CR	-(ELECTIVE PASS/FAIL)
301	09.00	TWTH	COMM	1006	MERCER
	09.00	F	COMM	1122	
	10.00-11.50	T	COMM	1169	
302	09.00	TWTH	COMM	1006	MERCER
	09.00	F	COMM	1122	
	10.00-11.50	W	COMM	1169	
303	09.00	TWTH	COMM	1006	MERCER
	09.00	F	COMM	1122	
	10.00-11.50	TH	COMM	1169	
407	PUBLICATIONS PHOTO			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 322				

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301	10.00	MTWTH	COMM	1122	HORRELL
	01.00-02.50	F	COMM	1135	
456	WORKSHOP-FILM PROD	01.0 TO 06.0	CR-(ELECTIVE PASS/FAIL)		
	PREREQ	CONSENT OF DEPT & FILM PRO- DUCTION			
201	TO BE ARRANGED				PAINÉ
301	01.00	M W	COMM	1006	MERCER
	01.00	T TH	COMM	1122	
	02.00-04.50	MTWTH	COMM	1169	
	ABOVE SECT-CINEMA PRODUCTION WORKSHOP				
	4 CR ONLY				
458	PROJ-CINEMA & PHOTO	01.0 TO 12.0	CR-(ELECTIVE PASS/FAIL)		
	PREREQ	CONSENT OF DEPT			
301	TO BE ARRANGED				DAVIS&STAFF
	ABOVE SECT-IND PROJ IN C&P				
302	12.00-01.50	M W F	COMM	1122	GILMORE
	ABOVE SECT-WKSHIP DOC PHOTO-4				CR ONLY
401	01.00-04.50	M W	COMM	1169	SWEDLUND
	ABOVE SECT-WKSHIP IN LARGE CAMERA-4				CR ONLY
402	01.00-04.50	T TH	COMM	1169	SWEDLUND
	ABOVE SECT-WKSHIP IN EXP FIGURE PHOTO- 4				CR ONLY
461	HIST SOUND FILM			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	350 FOR C&P MAJORS			
301	02.00-04.50	M W	LAWSON	201	BLUMENBERG
	ABOVE SECT-EMPHASIS ON AMER		WSTRN-\$5.00		
	SCREEN FEE				
480	IND STUDY IN C&P	01.0 TO 12.0	CR-(ELECTIVE PASS/FAIL)		
	PREREQ	CONSENT OF DEPT			
301	TO BE ARRANGED				DAVIS&STAFF
<b>C &amp; T Clothing and Textiles</b>					
1278	CLOTHING CONSTRUCT			02.0 CR	-(ELECTIVE PASS/FAIL)
301	08.00-09.50	M W	H EC	310	RIDLEY SAMANTHA SUE
	09.00	F	H EC	310	RIDLEY SAMANTHA SUE
302	08.00-10.50	T	H EC	310	RIDLEY SAMANTHA SUE
	08.00-09.50	TH	H EC	310	RIDLEY SAMANTHA SUE
304	TEXTILES			04.0 CR	
	PREREQ	CHEM 110 AND 240			
201	02.00	M W F	H EC	202	PADGETT ROSE
	10.00-11.50	T	H EC	301	
333	PAT DES & CLOTH CON			04.0 CR	
	PREREQ	C&T 127 OR CONSENT OF CHAIRMAN			
301	08.00-09.50	M WTHF	H EC	303	
371	FIELD EXPERIENCE	00.0 TO 06.0	CR		
	PREREQ	CONSENT OF CHAIRMAN			
201	TO BE ARRANGED				RIDLEY SAMANTHA SUE
473	ADVANCED TAILORING			04.0 CR	
	PREREQ	360 OR PROFICIENCY			
601	02.00-04.50	MTWTHF	H EC	310	
481	READINGS	01.0 TO 06.0	CR		
	PREREQ	SENIOR STANDING			
601	11.00-12.50	M TH	H EC	303	
572	SPECIAL PROBLEMS	01.0 TO 08.0	CR		
	PREREQ	CONSENT OF CHAIRMAN			
201	TO BE ARRANGED				PADGETT ROSE
582	FASHION FOUNDATIONS			04.0 CR	
	PREREQ	C&T 329 AND 339, OR CONSENT OF CHAIRMAN			
701	02.00-03.50	MTWTHF	H EC	303	
599	THESIS	01.0 TO 09.0	CR		
201	TO BE ARRANGED				PADGETT ROSE
<b>CD Community Development</b>					
401	INTRO TO COMM DEV			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	4 HRS SOC OR CONSENT OF INSTR			
301	03.00-05.20	T TH	H EC	208	

490 SEMINAR IN COMM DEV 01.0 TO 08.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ 401  
 301 TO BE ARRANGED THOMAS RICHARD  
 302 10.00-12.20 T TH 0686 29 DELANEY H R  
 499 INDEPENDENT STUDY 01.0 TO 05.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF INSTR  
 201 TO BE ARRANGED  
 512 CHNG AGNT-PLAN CHNG 04.0 CR  
 PREREQ CD 401, CD 502 OR PARALLEL  
 201 TO BE ARRANGED  
 513 LAB-STYLES & TECH 04.0 CR  
 PREREQ CD 401, CD 503, CONSENT OF INS  
 TRUCTOR  
 201 TO BE ARRANGED  
 596 INDEPEND STUDY - CD 01.0 TO 08.0 CR  
 PREREQ CD 401 & CONSENT OF INSTR  
 201 TO BE ARRANGED  
 599 THESIS RESEARCH 01.0 TO 08.0 CR  
 PREREQ CD 401, 501, 502, 503, 511 & 5  
 98  
 201 TO BE ARRANGED

### CHEM Chemistry and Biochemistry

115 INTRO GENERAL CHEM 05.0 CR  
 201 09.00 M W F NKRS B 240  
 09.00 T NKRS C 218  
 08.00-10.50 TH NKRS C 102  
 202 09.00 M W F NKRS B 240  
 09.00 T NKRS C 218  
 08.00-10.50 TH NKRS C 104  
 122A INTRO TO CHEM PRIN 03.0 CR  
 PREREQ CHEM 123A OR CONCURRENT ENROLL  
 MENT  
 201 11.00 M W F NKRS B 240  
 11.00 TH NKRS B 240  
 122C INTRO TO CHEM PRIN 03.0 CR  
 PREREQ CHEM 122B, AND 123C OR CONCUR  
 ENROLLMENT  
 201 01.00 M W F NKRS C 218  
 123A INTRO TO LAB TECH 02.0 CR  
 PREREQ CONCURRENT ENROLLMENT IN CHEM  
 122A  
 201 11.00 T NKRS B 240  
 02.00-04.50 TH NKRS C 102  
 202 11.00 T NKRS B 240  
 02.00-04.50 TH NKRS C 104  
 203 11.00 T NKRS B 240  
 02.00-04.50 W NKRS C 102  
 123C INTRO TO LAB TECH 03.0 CR  
 PREREQ CHEM 123B & CONCURRENT ENROLL  
 IN 122C  
 201 01.00 T NKRS A 160  
 02.00-04.50 M W NKRS C 408  
 202 01.00 T NKRS A 160  
 02.00-04.50 T TH NKRS C 408  
 240 ORGANIC CHEMISTRY 04.0 CR  
 PREREQ CHEM 110 OR EQUIV  
 201 11.00 M W F NKRS B 440  
 11.00-01.50 T NKRS C 106  
 01.00 TH NKRS C 218  
 202 11.00 M W F NKRS B 440  
 11.00-01.50 TH NKRS C 106  
 01.00 TH NKRS C 218

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203	11.00	M W F	NKRS B	440
	11.00-01.50	T	NKRS C	108
	01.00	TH	NKRS C	218
204	11.00	M W F	NKRS B	440
	11.00-01.50	TH	NKRS C	108
	01.00	TH	NKRS C	218
305C	ORG CHEM-PRE PROF		05.0	CR
	PREREQ	CHEM 305B		
301	12.00	MTWTHF	NKRS B	240
	01.00-03.50	T TH	NKRS C	205
	01.00	M	NKRS C	118
	04.00-06.50	M	NKRS C	205
302	12.00	MTWTHF	NKRS B	240
	09.00-11.50	T TH S	NKRS C	205
	01.00	M	NKRS C	118
303	12.00	MTWTHF	NKRS B	240
	01.00-03.50	M W F	NKRS C	205
	01.00	T	NKRS C	218
304	12.00	MTWTHF	NKRS B	240
	09.00-11.50	M W F	NKRS C	205
	01.00	T	NKRS C	218
432A	INST ANAL MEASMTS		04.0	CR
	PREREQ	CHEM 461B - MAY BE TAKEN CONCURRENTLY		
301	08.00	M W F	NKRS C	118
	12.00-02.50	M W F	NKRS C	318
302	08.00	M W F	NKRS C	118
	08.00-12.50	T	NKRS C	318
	08.00-11.50	TH	NKRS C	318
446	QUAL ORGANIC ANALY		04.0	CR
	PREREQ	CHEM 122C, 123C, 342C & 343C OR CONSENT OF INSTRUCTOR		
301	08.00	M W F	NKRS C	218
	09.00-11.50	M W F	NKRS C	203
460	PRIN PHYSICAL CHEM		05.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	122C, 123C & 305C OR 342C, 343C, MATH 150B & 1 YR PHYS		
301	11.00	MTWTHF	NKRS C	218
	01.00-03.50	M W F	NKRS C	105
496A	CHEM PROB ANALY		01.0 TO 12.0	CR
	PREREQ	CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
301	TO BE ARRANGED			
496B	CHEM PROB BIOCHEM		01.0 TO 12.0	CR
	PREREQ	CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
301	TO BE ARRANGED			
496C	CHEM PROB INORGANIC		01.0 TO 12.0	CR
	PREREQ	CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
301	TO BE ARRANGED			
496D	CHEM PROB ORGANIC		01.0 TO 12.0	CR
	PREREQ	CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
301	TO BE ARRANGED			
496E	CHEM PROB PHYSICAL		01.0 TO 12.0	CR
	PREREQ	CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN		
301	TO BE ARRANGED			
594A	SP READ-CHEM ANALY		01.0 TO 15.0	CR
	PREREQ	24 HRS OF 500 CHEM AND CONSENT OF DIV		
301	TO BE ARRANGED			
594B	SP READ- BIOCHEM		01.0 TO 15.0	CR
	PREREQ	24 HRS OF 500 CHEM AND CONSENT OF DIVISION		
301	TO BE ARRANGED			
594C	SP READ-CHEM INORG		01.0 TO 15.0	CR
	PREREQ	24 HRS OF 500 CHEM AND CONSENT OF DIV		

301 TO BE ARRANGED  
 594D SP READ-CHEM ORGAN 01.0 TO 15.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIVISION  
 301 TO BE ARRANGED  
 594E SP READ-CHEM PHYS 01.0 TO 15.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 301 TO BE ARRANGED  
 595A ADV SEM-CHEM ANALY 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 201 04.00-05.50 MTWTHF NKRS C 218  
 595D ADV SEM-CHEM ORGAN 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 201 04.00-05.50 MTWTHF NKRS B 240  
 598A RES-ANALYTICAL CHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 301 TO BE ARRANGED  
 598B RES-BIOCHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 301 TO BE ARRANGED  
 598C RES-INORGANIC CHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 301 TO BE ARRANGED  
 598D RES-ORGANIC CHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 301 TO BE ARRANGED  
 598E RES-PHYSICAL CHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 301 TO BE ARRANGED  
 599 THESIS 01.0 TO 09.0 CR  
 PREREQ CONSENT OF CHAIRMAN  
 301 TO BE ARRANGED  
 600A DISSERT ANALYTICAL 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 301 TO BE ARRANGED  
 600B DISSERT BIOCHEM 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 301 TO BE ARRANGED BEMILLER JAMES  
 600C DISSERT INORGANIC 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 301 TO BE ARRANGED  
 600D DISSERT ORGANIC 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 301 03.00-04.50 M W F NKRS C 410 ARNOLD R T  
 02.00-03.50 T NKRS C 410  
 01.00-02.50 TH NKRS C 410  
 600E DISSERT - PHYSICAL 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 301 TO BE ARRANGED TYRRELL JAMES

### CS Computer Science

202 INTRO-COMPUTER PROG 04.0 CR  
 PREREQ GSD 107 OR MATH 111A OR 1 1/2  
 YRS H.S. ALGEBRA  
 201 09.00 M W NKRS B 440  
 08.00 T TH NKRS A 157  
 202 09.00 M W NKRS B 440  
 09.00 T TH NKRS A 157  
 203 09.00 M W NKRS B 440  
 10.00 T TH NKRS A 157

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204	09.00	M W	NKRS B	440
	11.00	T TH	NKRS A	157
205	09.00	M W	NKRS B	440
	12.00	T TH	NKRS A	157
206	09.00	M W	NKRS B	440
	01.00	T TH	NKRS A	157
207	09.00	M W	NKRS B	440
	02.00	T TH	NKRS A	157
208	09.00	M W	NKRS B	440
	08.00	T TH	NKRS A	458
	ABOVE SECT-RESTR TO SCH OF BUS STUDENTS			
209	09.00	M W	NKRS B	440
	09.00	T TH	NKRS A	278
	ABOVE SECT-RESTR TO SCH OF BUS STUDENTS			
210	09.00	M W	NKRS B	440
	10.00	T TH	NKRS A	458
	ABOVE SECT-RESTR TO SCH OF BUS STUDENTS			
211	09.00	M W	NKRS B	440
	11.00	T TH	NKRS A	458
	ABOVE SECT-RESTR TO SCH OF BUS STUDENTS			
212	09.00	M W	NKRS B	440
	12.00	T TH	NKRS A	458
	ABOVE SECT-RESTR TO SCH OF BUS STUDENTS			
213	09.00	M W	NKRS B	440
	01.00	T TH	NKRS A	458
	ABOVE SECT-STU WHO HAVE COMPLETED MATH 140B OR 150B			
214	09.00	M W	NKRS B	440
	02.00	T TH	NKRS A	278
302A	COMPUT STRUC & PROG			03.0 CR
	PREREQ CS 202			
201	10.00	M W F	NKRS A	160
311F	PROG TEC-FORTRAN IV			03.0 CR
	PREREQ CS 202			
201	03.00	M W F	NKRS A	160
442	DISCRETE STRUCTURES			03.0 CR
	PREREQ MATH 301			
401	12.00-01.50	W	TECH A	308
	01.00	MT THF	TECH A	420
	CROSSLISTED WITH MATH 428			
445	APP BOOLEAN ALGEBRA			03.0 CR
	PREREQ 442			
501	12.00-01.50	W	TECH A	308
	01.00	MT THF	TECH A	420
	CROSSLISTED WITH MATH 429			
495	READINGS			01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR & DEPARTMENT			
201	TO BE ARRANGED			
590	SPECIAL TOPICS			03.0 CR
	PREREQ CONSENT OF INSTR			
201	02.00	M W F	NKRS A	278
593	SEMINAR			01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR			
201	04.00	T TH	NKRS C	410
595	READINGS			01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR & DEPARTMENT			
201	TO BE ARRANGED			
597	SPECIAL PROBLEMS			01.0 TO 09.0 CR
	PREREQ CONSENT OF DEPT			
201	TO BE ARRANGED			
599	THESIS			01.0 TO 09.0 CR
	PREREQ CONSENT OF DEPT			
201	TO BE ARRANGED			
<b>DES Design</b>				
330	PHOTO FOR DESIGNERS			04.0 CR
	PREREQ DES MAJ OR CONSENT OF INSTR			
501	TO BE ARRANGED			

NEWMAN GERI



335 BASIC VISUAL COMM 04.0 CR  
 501 09.00-11.50 M W F 0852 101 NEWMAN GERI  
 362 INTRO TO ENVIR DES 04.0 CR  
 PREREQ DES MAJ OR CONSENT OF INSTR  
 501 01.00-03.50 M W F 0852 101 KACHEL TOM  
 399 INDEPENDENT STUDY 02.0 TO 04.0 CR  
 PREREQ JR STANDING IN DES AND CONSENT  
 OF DEPT  
 401 TO BE ARRANGED  
 501 TO BE ARRANGED  
 420 PORTFOL & DISPL TEC 02.0 CR  
 PREREQ SR IN DES OR CONSENT OF INSTR  
 & UNDERGRAD STATUS  
 501 TO BE ARRANGED KACHEL TOM  
 445A COMPUTER GRAPH LAB 08.0 CR  
 PREREQ DES 335,340 OR 341 OR CONSENT  
 OF INSTR & UGRAD STAT  
 401 09.00-11.50 M W F 0851 100 FETTER WILLIAM  
 01.00-03.50 M W F 0851 100 FETTER WILLIAM  
 445B COMPUTER GRAPH LAB 08.0 CR  
 PREREQ DES 335,340 OR 341 OR CONSENT  
 OF INSTR & UGRAD STAT  
 501 09.00-11.50 M W F 0851 100 FETTER WILLIAM  
 01.00-03.50 M W F 0851 100 FETTER WILLIAM  
 462A DES & ENVIRONMENT 08.0 CR  
 PREREQ DES MAJ OR CONSENT OF INSTR &  
 UNDERGRAD STATUS  
 401 09.00-11.50 M W F 0847 107 BUSCH LARRY  
 01.00-03.50 M W F 0847 107 BUSCH LARRY  
 485A DESIGN SCIENCE LAB 08.0 CR  
 PREREQ SR IN DES OR CONSENT OF INSTR  
 & UNDERGRAD STATUS  
 501 09.00-11.50 M W F 0855 100 PERK H F W  
 01.00-03.50 M W F 0855 100  
 491 SR SEMINAR IN DES 04.0 TO 24.0 CR  
 PREREQ CONSENT OF DEPT & UNDERGRAD  
 STATUS  
 401 TO BE ARRANGED ELLNER JACK  
 501 TO BE ARRANGED ELLNER JACK  
 496 SPECIAL PROB IN DES 04.0 TO 12.0 CR  
 PREREQ SR IN DES & CONSENT OF DEPT &  
 UNDERGRAD STATUS  
 401 TO BE ARRANGED  
 501 TO BE ARRANGED  
 499 SR HONORS RESEARCH 04.0 TO 12.0 CR  
 PREREQ SR IN DES & CONSENT OF INSTR &  
 UNDERGRAD STATUS  
 401 TO BE ARRANGED  
 501 TO BE ARRANGED

**E T Engineering Technology**

102B GRAPHIC COMMUNICAT 03.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ E T 102A  
 401 08.00-09.50 MTWTH TECH A 207  
 102C GRAPHIC COMMUNICAT 03.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ E T 102B  
 501 08.00 MTWTH TECH A 207  
 08.00-09.50 W TECH A 207  
 245A ELECT SYS FOR INDUS 03.0 CR  
 PREREQ MATH 111B  
 401 01.00 MTWTH TECH A 310  
 02.00-03.50 W TECH D 104  
 01.00-02.50 F TECH D 104

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Number	Meeting Dates	Number	Meeting Dates	Number	Meeting Dates	Number	Meeting Dates
101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
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245B	FLECT SYS FOR INDUS			03.0 CR
	PREREQ	MATH 245A OR EQUIVALENT		
501	01.00	MTWTH	TECH A	310
	02.00-03.50	W	TECH D	104
	01.00-02.50	F	TECH D	104
311A	STRENGTH-MATERIALS			04.0 CR
	PREREQ	E T 260B		
301	08.00	MTWTH	TECH D	131
	08.00-10.50	F	TECH D	14
313A	EL HEAT POWER			04.0 CR
	PREREQ	MATH 150A		
301	04.00	MTWTHF	TECH D	131
	ABOVE SECT-4 HOURS TO BE ARRANGED			
318A	HYDRAULICS&PNEUMAT			04.0 CR
	PREREQ	ET 260B		
301	09.00	MTW	TECH D	131
	09.00-11.50	TH	TECH D	14
342	TECHNOLOGY DESIGN			03.0 CR
	PREREQ	SR STANDING		
401	12.00	MTWTHF	TECH D	131
	03.00	TH	TECH D	131
363A	SURVEYING			04.0 CR
	PREREQ	MATH 111B AND E T 102B		
301	11.00	MTW	TECH A	319
	01.00-03.50	W F	TECH A	319
430	SP PROB-INDUS&TECH			01.0 TO 08.0 CR
	PREREQ	CONSENT OF COORDINATOR		
201	TO BE ARRANGED			

## ECON Economics

214	ECONOMICS-MACRO			04.0 CR -(ELECTIVE PASS/FAIL)
201	08.00	MT THF	LAWSON	131 WIEGAND G CARL
401	01.00-02.50	TWTHF	WHAM	302 MARTINSEK CATHERINE
501	11.00-12.50	MTWTH	WHAM	302
215	ECONOMICS-MICRO			04.0 CR -(ELECTIVE PASS/FAIL)
201	03.00	M WTHF	LAWSON	131
401	11.00-12.50	MTWTH	WHAM	302
501	01.00-02.50	TWTHF	WHAM	302
301	ECONOMIC READINGS			01.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)
	PREREQ	CONSENT OF INSTR & CHAIRMAN		
201	TO BE ARRANGED			
308	ECON-BUS STAT I			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSD 110		
201	10.00	MTW F	0861	102 BUSER STEPHEN
202	12.00	MT F	CL	328 BUSER STEPHEN
	12.00	W	CL	109
310	LABOR PROBLEMS			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 215		
201	04.00	MTW F	CL	328 FORAN TERRY
315	MONEY AND BANKING I			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 214		
201	08.00	TWTHF	WHAM	228 LAYER ROBERT G
330	PUBLIC FINANCE			04.0 CR -(ELECTIVE PASS/FAIL)
201	09.00	MT THF	CL	328 FRYMAN RICHARD
430	REGIONAL ECONOMY			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 215		
201	10.00	M WTHF	CL	328 ELLIS ROBERT J.JR.
440	INTERMED MICRO THEO			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 215 OR CONSENT OF INSTR		
201	09.00	MTWTH	0862	102 ADAMS DONALD
501	12.00-01.50	MTWTH	WHAM	201
441	INTERMED MACRO TH			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 214 OR CONSENT OF INSTR		
201	02.00	M W F	CL	328 BUSER STEPHEN
	02.00	T	CL	24
490	ECONOMIC EDUCATION			04.0 CR -(ELECTIVE PASS/FAIL)
601	02.00-03.50	MTWTHF	WHAM	206 WIEGAND G CARL
	SAME AS ELED OR S ED 490			

500	ECONOMIC SEMINAR	04.0 TO 08.0 CR			
	PREREQ	CONSENT OF INSTR			
201	09.00-10.50	T TH	WHAM	321	MARTINSEK THOMAS
202	02.00-03.50	M W	CL	25	STALON CHARLES G
203	02.00-03.50	T F	CL	25	ELLIS P AND FORAN T
501	ECONOMICS READINGS	01.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTR AND CHAIRMAN			
201	TO BE ARRANGED				
502	READING IN RES ECON	01.0 TO 06.0 CR			
	PREREQ	CONSENT OF FORESTRY DEPT			
201	TO BE ARRANGED				
540A	MICRECON THEORY I	04.0 CR			
	PREREQ	440 OR CONSENT OF INSTR			
201	09.00-10.50	W	CL	326	MARTINSEK THOMAS
	09.00-10.50	F	COMM	2012	
599	THESIS	01.0 TO 09.0 CR			
201	TO BE ARRANGED				
600	DOCTORAL DISSERTAT	01.0 TO 48.0 CR			
201	TO BE ARRANGED				

**EDAF Educational Administration and Foundations**

355	PHILOSOPHY OF EDUC	04.0 CR			
201	09.00	MTWTH	WHAM	205	
202	10.00	MTWTH	WHAM	205	
203	11.00	MTWTH	H EC	208	MOORE WILLIS
204	12.00	MTWTH	WHAM	205	
301	10.00-11.50	M WTH	WHAM	203	CHRISTENSEN JAMES
302	01.00-02.50	M THF	CL	24	CHRISTENSEN JAMES
421	LAW AND THE TEACHER	02.0 TO 04.0 CR			
301	11.00	MTWTHF	WHAM	210	SEALEY RONALD
431	HIST OF EDUC IN U S	04.0 CR			
301	06.30-09.00 PM	W	WHAM	205	EATON WILLIAM
	ADDITIONAL TIME TBA				
432	EDUC & SOC FORCES	04.0 CR			
301	11.00	MTWTHF	WHAM	205	EATON WILLIAM
454	CONTRAST PHIL IN ED	04.0 CR			
301	09.00	MTWTHF	WHAM	301A	LEAN ARTHUR
500	RESEARCH METHODS	04.0 CR			
301	09.00	MTWTHF	WHAM	305	BACH JACOB O
302	06.30-09.00 PM	M	WHAM	205	BACH JACOB O
	ADDITIONAL TIME TBA				
502	SEMINAR COMP EDUC	04.0 CR			
301	12.00	MTWTHF	WHAM	305	
511A	INTERN PRACTICUM	04.0 CR			
	PREREQ	CONSENT OF ADVISOR OR COMMITTEE & DEPT CHAIRMAN			
201	TO BE ARRANGED				ARMISTEAD&MOORE
511B	INTERN PRACTICUM	04.0 CR			
	PREREQ	CONSENT OF ADVISOR OR COMMITTEE & DEPT CHAIRMAN			
201	TO BE ARRANGED				ARMISTEAD&MOORE
511C	INTERN PRACTICUM	04.0 CR			
	PREREQ	CONSENT OF ADVISOR OR COMMITTEE & DEPT CHAIRMAN			
201	TO BE ARRANGED				ARMISTEAD&MOORE
520A	LEGAL BASIS-AMER ED	04.0 CR			
301	06.30-09.00 PM	TH	WHAM	205	SEALEY RONALD W
	ADDITIONAL TIME TBA				
524A	SCHL ADMINISTRATION	04.0 CR			
301	06.30-09.00 PM	T	WHAM	203	PARKER JAMES
	ADDITIONAL TIME TBA				
524B	SCHL ADMINISTRATION	04.0 CR			
	PREREQ	EDAF 524A			

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301	06.30-09.00 PM	W	WHAM	203	PARKER JAMES
	ADDITIONAL TIME TBA				
524C	SCHL ADMINISTRATION			04.0 CR	
	PREREQ EDAF 524B				
301	06.30-09.00 PM	M	WHAM	203	KAISER DALE
	ADDITIONAL TIME TBA				
527	CURR-ISSU SCH ADMIN		02.0 TO 04.0 CR		
201	08.30-11.30	MTWTHF	WHAM	328	
	ABOVE SECT-AUG 13-24-ILL GOV & OSPI TASK FORCE REPORTS				
301	06.30-09.00 PM	T	WHAM	205	CRUCE DON
	ABOVE SECT-ADD TIME TBA-SYSTEMS ANALYSIS				
601	01.00-04.00	M W F	WHAM	307	KAISER DALE
	01.00-04.00	T TH	WHAM	202	
	ABOVE SECT JUNE 18-29-PROFESSIONAL NEGOTIATIONS				
533	SCHOOL BUILDINGS			04.0 CR	
301	06.30-09.00 PM	W	WHAM	206	CRUCE DONALD G
	ADDITIONAL TIME TBA				
534B	SCHOOL BUSINESS ADM			04.0 CR	
101	08.30-11.30	MTWTHF	WHAM	329	KAISER DALE
556A	EDUCATIONAL SUPRVSN			04.0 CR	
301	06.30-09.00 PM	M	WHAM	206	ARMISTEAD FRED J
	ADDITIONAL TIME TBA				
556B	EDUCATIONAL SUPRVSN			04.0 CR	
	PREREQ EDAF 556A				
301	06.30-09.00 PM	T	WHAM	206	ARMISTEAD FRED
	ADDITIONAL TIME TBA				
560	CURRICULUM			04.0 CR	
101	01.00-04.30	MTWTHF			VERDUIN RICHARD
	ABOVE SECT MEETS AT KASKASKIA				
301	06.30-09.00 PM	TH	WHAM	328	
	ADDITIONAL TIME TBA CROSSLISTED WITH S ED 561				
563	SCHOOL PUBLIC REL			04.0 CR	
701	01.00-04.00	M WTH	WHAM	305	SHELTON WILLIAM
564	SEC S PRINCIPALSHIP			04.0 CR	
	PREREQ CONSENT OF INSTR				
301	10.00	MTWTHF	WHAM	303	MEES JOHN D
	CROSSLISTED WITH S ED 564				
575A	IND RES CURRICULUM		01.0 TO 04.0 CR		
	PREREQ CONSENT OF DEPT CHAIRMAN				
201	TO BE ARRANGED				
575B	IND RES SUPERVISION		01.0 TO 04.0 CR		
	PREREQ CONSENT OF DEPT CHAIRMAN				
201	TO BE ARRANGED				
575C	IND RES BUILDINGS		01.0 TO 04.0 CR		ARMISTEAD FRED J
	PREREQ CONSENT OF DEPT CHAIRMAN				
201	TO BE ARRANGED				
575D	IND RES FINANCE		01.0 TO 04.0 CR		CRUCE DONALD
	PREREQ CONSENT OF DEPT CHAIRMAN				
201	TO BE ARRANGED				
575E	IND RES SCHOOL LAW		01.0 TO 04.0 CR		PARKER JAMES
	PREREQ CONSENT OF DEPT CHAIRMAN				
201	TO BE ARRANGED				
575F	IND RES COMPAR EDUC		01.0 TO 04.0 CR		SEALEY RONALD W
	PREREQ CONSENT OF DEPT CHAIRMAN				
201	TO BE ARRANGED				
575G	IND RES HIST EDUC		01.0 TO 04.0 CR		LEAN ARTHUR
	PREREQ CONSENT OF DEPT CHAIRMAN				
201	TO BE ARRANGED				
575H	IND RES PHIL EDUC		01.0 TO 04.0 CR		EATON WILLIAM
	PREREQ CONSENT OF DEPT CHAIRMAN				
201	TO BE ARRANGED				
575I	IND RES-SOC OF ED		01.0 TO 04.0 CR		MCKENZIE&DENNIS
	PREREQ CONSENT OF DEPT CHAIRMAN				
201	TO BE ARRANGED				
575J	IND RES ADMIN		01.0 TO 04.0 CR		
	PREREQ CONSENT OF DEPT CHAIRMAN				

201	TO BE ARRANGED			SASSE EDWARD
576A	READINGS ADM-FOUND	01.0 TO 04.0 CR		
	PREREQ	CONSENT OF DEPT CHAIRMAN		
201	TO BE ARRANGED			SASSE EDWARD
576B	READINGS ADM-FOUND	01.0 TO 04.0 CR		
	PREREQ	CONSENT OF DEPT CHAIRMAN		
201	TO BE ARRANGED			
576C	READINGS ADM-FOUND	01.0 TO 04.0 CR		
	PREREQ	CONSENT OF DEPT CHAIRMAN		
201	TO BE ARRANGED			
589	GEN GRAD SEMINAR	02.0 TO 12.0 CR		
	PREREQ	ADVANCED STANDING AND CONSENT OF INSTR		
701	01.00-04.00	M W F	WHAM	212 DENNIS LAWRENCE
	ABOVE SECT-MASLOW'S PHILOSOPHY			
591	SEM-SOC & PHIL FOUN	02.0 CR		
	PREREQ	ADMISSION TO A DOCTORAL PROGRA		
	M IN EDUCATION			
301	10.00-11.50	W	WHAM	301B DENNIS LAWRENCE J
592	DOCT SEM CULT FOUN			04.0 CR
	PREREQ	EDAF 591 AND GUID	590	
301	10.00-11.50	T TH	WHAM	301B MCKENZIE WILLIAM R
302	01.00-02.50	T TH	WHAM	301B MCKENZIE WILLIAM R
596	IND INVESTIGATION	05.0 TO 09.0 CR		
201	TO BE ARRANGED			ARMISTEAD FRED J
597	THESIS	01.0 TO 03.0 CR		
201	TO BE ARRANGED			
600	DISSERTATION	01.0 TO 48.0 CR		
201	TO BE ARRANGED			

**ELED Elementary Education**

310	TEACHING OF EL MATH	04.0 CR		
	PREREQ	MATH 308,309		
301	09.00	MTWTHF	WHAM	202 PAIGE DONALD
302	11.00	MTWTHF	WHAM	202 BEATTIE IAN
312	INSTR ANAL&FIELD WK	02.0 TO 08.0 CR		
	PREREQ	ADMISSION TO TEACHER EDUCATION PROGRAM		
201	TO BE ARRANGED			DIXON BILLY G
	SEE DEPT PROFESSIONAL ED EXPER PRIOR TO REGISTRATION			
202	TO BE ARRANGED			DIXON BILLY G
	RESTR-ELED-BLK PRGRM-2 CR ONLY			
314	ELEM SCHOOL METHODS	04.0 CR		
	PREREQ	GUID 305		
201	10.00	MTWTH	WHAM	202 LEE J MURRAY
	ELED MAJORS ONLY			
202	11.00	MTWTH	WHAM	208 LEE J MURRAY
	ELED MAJORS ONLY			
316	KINDER PRIMARY METH	04.0 CR		
	PREREQ	GUID 305		
301	09.00	MTWTHF	WHAM	210 MATTHIAS MARGARET
337	READING IN ELEM SCH	04.0 CR		
	PREREQ	314		
201	09.00	MTWTH	WHAM	307 HILL MARGARET
202	10.00	MTWTH	WHAM	305
203	12.00	MTWTH	WHAM	319 BROD ERNEST E
350	KIND PRI STUD TCH	04.0 TO 16.0 CR		
201	TO BE ARRANGED			
	SEE FOOTNOTE BELOW			
351	FL STUDENT TCH	04.0 TO 16.0 CR		
201	TO BE ARRANGED			
	GENERAL			

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202 TO BE ARRANGED  
ART  
203 TO BE ARRANGED  
SP ED--M.R.  
204 TO BE ARRANGED  
MUSIC  
205 TO BE ARRANGED  
P E  
206 TO BE ARRANGED  
P H  
207 TO BE ARRANGED  
SP C  
208 TO BE ARRANGED  
SP ED--E.D.  
209 TO BE ARRANGED  
SP ED--L.D.

ELED 350 and 351 - Student teachers are expected to be on duty in the public schools according to the calendar of the schools in which they are teaching. During the time in which University students are student teaching, it may therefore be necessary for them to follow a calendar different from the quarterly University calendar. When this is necessary, the Chairman of Professional Education Experiences will inform the students sufficiently far enough in advance so that they may make necessary arrangements.

375 READINGS IN EL ED 02.0 TO 03.0 CR  
201 TO BE ARRANGED  
ABOVE SECT-RESTR TO PERMISSION OF DEPT  
CHAIRMAN  
411 SEM IN INSTRUCTION 04.0 CR  
601 12.00-01.50 MTWTHF WHAM 210 LINDBERG DORMALEE H  
413 CHILDRENS LIT 04.0 CR  
PREREQ GUID 305  
301 11.00 MTWTHF WHAM 201 MATTHIAS MARGARET  
415 IMPR MATH UP EL SCH 04.0 CR  
PREREQ ELED 310 OR CONSENT OF INSTR  
301 08.00 MTWTHF WHAM 210 BEATTIE IAN D  
423 TCH EL ENG LANG ART 04.0 CR  
PREREQ ELED 314 & 337 OR 316 & 337  
301 08.00 MTWTHF WHAM 203 SHEPHERD TERRY R  
701 12.00-01.50 MTWTHF WHAM 210 QUISENBERRY NANCY  
424 TEACH EL SOC STUD 04.0 CR  
PREREQ ELED 314 OR 316  
301 10.00 MTWTHF WHAM 210 LAMB MORRIS  
601 02.00-03.50 MTWTHF WHAM 210 LAMB MORRIS  
ABOVE SECT-RESTRICTED TO STUDENTS WHO  
HAVE HAD 314  
431 ED FOR DISADV CHILD 04.0 CR  
701 02.00-03.50 MTWTHF WHAM 210 SWICK KEVIN J  
441 INTRO-TEACH EL SCI 04.0 CR  
PREREQ ELED 314  
601 12.00-01.50 MTWTHF PULL 304 TOMERA AUDREY N  
602 02.00-03.50 MTWTHF PULL 304 HUNGERFORD HAROLD R  
445 PAR INVOLVE IN EDUC 04.0 CR  
701 12.00-01.50 MTWTHF WHAM 206 LINDBERG DORMALEE  
475D WKSHP ELD-SCIENCE 02.0 TO 08.0 CR  
PREREQ ELED 314  
101 09.00-11.50 MTWTHF PULL 304 TOMERA AUDREY N  
01.00 MTWTHF PULL 304  
505 READING IN ELEM SCH 04.0 CR  
301 11.00 MTWTHF WHAM 228 BROD ERNEST E  
507A READINGS-CURRICULUM 02.0 TO 04.0 CR  
PREREQ CONSENT OF INSTRUCTOR  
301 TO BE ARRANGED SLOAN FRED A JR  
302 TO BE ARRANGED LEE J MURRAY  
507B READING-SUPERVISION 02.0 TO 04.0 CR  
PREREQ CONSENT OF INSTRUCTOR



301	TO BE ARRANGED				BRADFIELD LUTHER
302	TO BE ARRANGED				LAMB MORRIS L
507C	READINGS-LANG ARTS	02.0 TO 04.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
301	TO BE ARRANGED				SHEPHERD TERRY R
302	TO BE ARRANGED				QUISENBERRY NANCY
507E	READINGS-READING	02.0 TO 04.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
301	TO BE ARRANGED				HILL MARGARET
302	TO BE ARRANGED				FISHCO DANIEL
303	TO BE ARRANGED				BROOD ERNEST
507F	READINGS-SOCIAL STU	02.0 TO 04.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
301	TO BE ARRANGED				SLOAN FRED A JR
302	TO BE ARRANGED				SWICK KEVIN
303	TO BE ARRANGED				LAMB MORRIS L
507H	READINGS-MATH	02.0 TO 04.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
301	TO BE ARRANGED				BEATTIE IAN D
302	TO BE ARRANGED				PAIGE DONALD
507J	READINGS-EAR CHILD	02.0 TO 04.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
301	TO BE ARRANGED				QUISENBERRY NANCY
302	TO BE ARRANGED				MATTHIAS MARGARET
507K	READINGS-ADM & SUPV	02.0 TO 04.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
301	TO BE ARRANGED				LAMB MORRIS L
302	TO BE ARRANGED				BRADFIELD LUTHER
509E	PRACT-READING	04.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTR			
301	TO BE ARRANGED				FISHCO DANIEL
514	ORG & ADMIN RD PROG	04.0 CR			
	PREREQ	461 AND 505			
701	12.00-01.50	MTWTHF	WHAM	312	HILL MARGARET
516	INTERN IN READING	04.0 TO 12.0 CR			
	PREREQ	521A, B, AND C, & CONSENT OF INSTRUCTOR			
201	TO BE ARRANGED				HILL MARGARET
	ABOVE SECT-RESTR TO CONSENT OF INSTR				
518	SUPR OF PROF EXPR	04.0 CR			
101	09.00-10.50	MTWTHF	WHAM	307	DIXON BILLY
	01.00-02.50	MTWTHF	WHAM	303	
	JUN 4-JUN 15, CROSSLISTED WITH S ED 518				
520	DIAG ELEM MATH DISA	04.0 CR			
	PREREQ	515 OR CONCURRENT REGISTRATION			
601	12.00-01.50	MTWTHF	WHAM	208	PAIGE DONALD
521A	DIAG-COR READ DISAB	04.0 CR			
	PREREQ	505, OR CONCURRENT REGISTRAT., AND TEACHING EXPR.			
301	09.00	MTWTHF	WHAM	212	FISHCO DANIEL T
	TAKE AS A UNIT WITH B&C-STUDENT MAY TAKE NOTHING ELSE				
521B	DIAG-COR READ DISAB	04.0 CR			
	PREREQ	521A			
301	10.00	MTWTHF	WHAM	212	FISHCO DANIEL T
	TAKE AS A UNIT WITH &C-STUDENT MAY TAKE NOTHING ELSE				
521C	DIAG-COR READ DISAB	04.0 CR			
	PREREQ	521B			
301	11.00	MTWTHF	WHAM	212	FISHCO DANIEL
	TAKE AS A UNIT WITH A&B-STUDENT MAY TAKE NOTHING ELSE				
531	DISADV SCH-RES TCH	04.0 CR			
	PREREQ	ADVANCED STUDIES			

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601	02.00-03.50	MTWTHF	WHAM	329	SWICK KEVIN
537	KIND-PRI READING		04.0 CR		
	PREREQ 337 OR CONSENT OF INSTRUCTOR				
601	12.00	MTWTHF	WHAM	312	HILL MARGARET
542	LANG ARTS IN EL SCH	01.0	TO 04.0 CR		
301	11.00	MTWTHF	WHAM	206	SHEPHERD TERRY R
543	SOC STUD IN EL SCH		04.0 CR		
301	08.00	MTWTHF	WHAM	303	SLOAN FRED A JR
557	ELEM PRINCIPALSHIP		04.0 CR		
301	10.00	MTWTHF	WHAM	307	BRADFIELD LUTHER
560	KIND-PRI ED		04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
601	12.00-01.50	MTWTHF	WHAM	326	QUISENBERRY NANCY
561	ELEM SCH CURR		04.0 CR		
301	10.00	MTWTHF	WHAM	206	SLOAN FRED A JR
570	SEM--RES IN EL EDUC		04.0 CR		
301	02.00	MTWTHF	WHAM	312	LEE J MURRAY
575A	IND RES CURRICULUM	02.0	TO 04.0 CR		
201	TO BE ARRANGED				LEE J MURRAY
301	TO BE ARRANGED				LINDBERG DORMALEE H
302	TO BE ARRANGED				SLOAN FRED A JR
575B	IND RES SUPERVISION	02.0	TO 04.0 CR		
201	TO BE ARRANGED				BRADFIELD LUTHER E
301	TO BE ARRANGED				LAMB MORRIS L
575C	IND RES LANG ARTS	02.0	TO 04.0 CR		
301	TO BE ARRANGED				SHEPHERD TERRY R
302	TO BE ARRANGED				QUISENBERRY NANCY
575D	IND RES SCIENCE	02.0	TO 04.0 CR		
601	TO BE ARRANGED				HUNGERFORD HAROLD R
575E	IND RES READING	02.0	TO 04.0 CR		
201	TO BE ARRANGED				BROD ERNEST E
202	TO BE ARRANGED				HILL MARGARET
301	TO BE ARRANGED				FISHCO DANIEL T
575F	IND RES SOC STUD	02.0	TO 04.0 CR		
301	TO BE ARRANGED				SWICK KEVIN J
302	TO BE ARRANGED				LAMB MORRIS L
303	TO BE ARRANGED				SLOAN FRED A JR
575G	IND RES ELEM ED	02.0	TO 04.0 CR		
201	TO BE ARRANGED				BRADFIELD LUTHER E
575H	IND RES ARITHMETIC	02.0	TO 04.0 CR		
301	TO BE ARRANGED				BEATTIE IAN D
302	TO BE ARRANGED				PAIGE DONALD
575J	IND RES PROB IN K-P	02.0	TO 04.0 CR		
301	TO BE ARRANGED				QUISENBERRY NANCY
596	INDEPENDENT INVEST	05.0	TO 09.0 CR		
201	TO BE ARRANGED				
599	THESIS	03.0	TO 09.0 CR		
201	TO BE ARRANGED				
600	DISSERTATION	01.0	TO 48.0 CR		
301	TO BE ARRANGED				LEE J MURRAY
302	TO BE ARRANGED				SLOAN FRED A JR
303	TO BE ARRANGED				BEATTIE IAN D
304	TO BE ARRANGED				QUISENBERRY NANCY
305	TO BE ARRANGED				PAIGE DONALD
306	TO BE ARRANGED				FISHCO DANIEL T
307	TO BE ARRANGED				HILL MARGARET
308	TO BE ARRANGED				LAMB MORRIS
309	TO BE ARRANGED				LINDBERG DORMALEE
310	TO BE ARRANGED				SWICK KEVIN
311	TO BE ARRANGED				
312	TO BE ARRANGED				BRADFIELD LUTHER

# **ENG English**

209	INTRO- THREE GENRES		04.0 CR		
	PREREQ GSD 102 OR EQUIVALENT				
301	10.00	MTWTHF	0720	109	WHITEHEAD
290	EXPOSITORY WRITING		03.0 CR		
	PREREQ GSD 102				
201	08.00	M W F	0720	104	HILLIARD

202	09.00	M W F	0720	104	MCNICHOLS
203	11.00	MT TH	0720	109	HARRELL
301	09.00	MTWTH	PULL	119	MITCHELL
	09.00	TH	WHAM	228	
302	10.00	M	H EC	202	MITCHELL
	10.00	W	PULL	39	
	10.00	T TH	WHAM	228	
303	01.00	MT THF	0720	109	RICHMAN
300	INTR TO LANG ANAL		04.0	CR	
301	11.00	MTWTHF	0720	108	EPSTEIN
401	12.00-01.50	MT THF	0720	108	METES
302A	ENG LIT TO 1550		04.0	CR	-(ELECTIVE PASS/FAIL)
201	09.00	MT THF	0720	107	DONOW
302B	ENG LIT 1550-1750		04.0	CR	-(ELECTIVE PASS/FAIL)
201	10.00	MT THF	0720	107	DONOW
202	01.00	MT THF	0720	107	PETERSON
302C	ENG LIT-AFTER 1750		04.0	CR	-(ELECTIVE PASS/FAIL)
201	12.00	MT THF	0720	105	HARRELL
309A	AMER LIT-TO 1860		04.0	CR	-(ELECTIVE PASS/FAIL)
201	12.00	MT THF	H EC	202	MORRILL
309B	AMER LIT 1860-1920		04.0	CR	-(ELECTIVE PASS/FAIL)
301	03.00	MTWTHF	0720	105	SHRIBER
309C	AM LIT 1920-PRESENT		04.0	CR	-(ELECTIVE PASS/FAIL)
201	02.00	MT THF	0720	106	PETERSON
390	ADVANCE COMPOSITION		03.0	CR	
	PREREQ C IN GSD 101 & 102 OR EQUIV				
	ENG MAJ OR MIN OR CONS				
201	10.00	M W F	0720	106	SIMON
202	01.00	M WTH	0720	106	WESHINSKEY
301	11.00	MT THF	0720	107	KVERNES
392	PROF WRITING I		03.0	CR	
	PREREQ CONSENT OF INSTRUCTOR				
201	TO BE ARRANGED				LEONARD
403	HIST - ENG LANGUAGE		04.0	CR	-(ELECTIVE PASS/FAIL)
301	09.00	MTWTHF	0720	103	RAINBOW
404C	MID ENG LIT-CHAUCER		04.0	CR	-(ELECTIVE PASS/FAIL)
201	08.00	MT THF	0720	105	RAINBOW
410	LIT FOR ADOLESCENT		04.0	CR	-(ELECTIVE PASS/FAIL)
301	09.00	MT TH	0720	106	APPLEBY
	10.00	T TH	0720	106	APPLEBY
420A	AMER POET - TO 1900		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ MAY BE TAKEN SINGLY				
301	01.00	MTWTHF	0720	105	MOSS
420B	AMER POET - MODERN		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ MAY BE TAKEN SINGLY				
201	09.00	MT THF	0720	105	TAYLOR
421B	ENG POET-LATER ROM		04.0	CR	-(ELECTIVE PASS/FAIL)
301	02.00	MTWTHF	0720	105	BENZIGER
425	MODERN CONT POETRY		04.0	CR	-(ELECTIVE PASS/FAIL)
301	11.00	MTWTHF	0720	105	RAIZIS
454C	ENG FICT-CONTEMP BR		04.0	CR	-(ELECTIVE PASS/FAIL)
201	10.00	MT THF	0720	105	EPSTEIN
458B	AMER FICT - CONTEMP		04.0	CR	-(ELECTIVE PASS/FAIL)
201	11.00	MT THF	0720	106	MORRILL
471A	SHAKESPEARE		04.0	CR	
201	01.00	MT THF	0720	104	SCHULTZ
485	PROB TCHG ENG IN HS		04.0	CR	
201	02.00-03.50	M W	0720	104	EVANS
486	HIGH SCHOOL ENGLISH		02.0	TO 08.0	CR
301	10.00	M	COMM	1020	BOTTS
	10.00-11.50	T TH	COMM	1020	BOTTS
487	JR-HIGH SCHOOL ENG		02.0	TO 08.0	CR
301	10.00	M	COMM	1020	BOTTS
	10.00-11.50	T TH	COMM	1020	BOTTS

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499	READINGS IN ENGLISH	02.0 TO 08.0 CR			
	PREREQ	CONSENT OF DEPT - NO MORE THAN 4 HRS CR PER QUARTER			
201	TO BE ARRANGED				TAYLOR
519	STUD CONT BRIT LIT	04.0 TO 12.0 CR			
	PREREQ	CONSENT OF DEPT			
201	01.00-02.50	M W	0720	103	BOYLE
	ABOVE SECT TOPIC: CONRAD & HARDY				
536	STUD LAT 19C AM WR	04.0 TO 12.0 CR			
	PREREQ	CONSENT OF DEPT			
301	10.00-11.50	T TH	0720	101	MOSS
	ABOVE SECT TOPIC: EMILY DICKINSON				
538	PROB IN AM LIT	04.0 TO 12.0 CR			
	PREREQ	CONSENT OF DEPT			
301	01.00-02.50	T TH	0720	103	WEBB
	ABOVE SECT TOPIC: 1890'S				
555	STUD VIC NOVEL	04.0 TO 12.0 CR			
	PREREQ	CONSENT OF DEPT			
201	08.00-09.50	M W	0720	101	PARTLOW
	ABOVE SECT TOPIC: VICTORIAN NOVEL OF S OCIAL PROTEST				
566	STUD IN SHAKESPEARE	04.0 TO 12.0 CR			
	PREREQ	CONSENT OF DEPT			
301	10.00-11.50	M W	0720	101	GRIFFIN
581A	PROB TEACHING ENG	04.0 CR			
	PREREQ	CONSENT OF DEPT			
301	12.00	MT TH	0720	101	APPLEBY
	01.00	T TH	0720	101	APPLEBY
	ABOVE SECT TOPIC: COMPOSITION				
581B	PROB TEACHING ENG	04.0 CR			
	PREREQ	CONSENT OF DEPT			
301	02.00	MT TH	0720	101	BOTTS
	03.00	T TH	0720	101	BOTTS
	ABOVE SECT TOPIC: LINGUISTICS				
595	INDEPENDENT READING	01.0 TO 10.0 CR			
	PREREQ	40 CR HRS BEYOND M.A., EXCLUSIV OF AUDITS & READINGS			
201	TO BE ARRANGED				SCHULTZ
598A	IND REV ENG AM LIT	01.0 TO 03.0 CR			
201	TO BE ARRANGED				SCHULTZ
598B	IND REV ENG AM LIT	01.0 TO 03.0 CR			
201	TO BE ARRANGED				SCHULTZ
600	DISSERTATION	01.0 TO 48.0 CR			
201	TO BE ARRANGED				SCHULTZ

## ENGR Engineering

222	DIGITAL COMP PROG	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ	MATH 111B			
201	09.00	T TH	TECH A	111	
	08.00	T TH	TECH A	420	
202	09.00	T TH	TECH A	111	
	10.00	T TH	TECH A	422	
203	09.00	T TH	TECH A	111	
	08.00	M W	TECH A	420	
204	09.00	T TH	TECH A	111	
	10.00	M W	TECH A	422	
205	09.00	T TH	TECH A	111	
	03.00	T TH	TECH A	422	
206	09.00	T TH	TECH A	111	
	04.00	T TH	TECH A	422	
260A	ANALY MECHANICS	03.0 CR			
	PREREQ	CONCURRENT ENROLLMENT IN MATH 150B			
401	02.00	MTWTHF	TECH A	308	
	01.00	T	TECH A	308	
260B	ANALY MECHANICS	03.0 CR			
	PREREQ	ENGR 260A			
501	02.00	MTWTHF	TECH A	308	
	01.00	T	TECH A	308	

260C	ANALY MECHANICS			03.0	CR	
	PREREQ	ENGR 260B				
301	09.00	M WTHF	TECH A	420		
300A	THERMODYNAMICS			03.0	CR	
	PREREQ	MATH 252A				
401	01.00	MTWTHF	TECH A	222		
	02.00	T	TECH A	222		
300C	THERMODYNAMICS			03.0	CR	
	PREREQ	ENGR 300A				
501	01.00	MTWTHF	TECH A	222		
	02.00	T	TECH A	222		
302	HEAT TRANSFER			03.0	CR	
	PREREQ	222, 300A & MATH 305A				
201	03.00-04.30	T TH	TECH A	210		
311A	PROPERTIES OF MAT			03.0	CR	
	PREREQ	ENGR 260B, MATH 252B				
201	03.00	M W F	TECH D	131		
	01.00-02.50	W	TECH D	14		
311C	PROPERTIES OF MAT			03.0	CR	
	PREREQ	ENGR 311B				
201	02.00	M W F	TECH A	408		
313A	FLUID MECHANICS			03.0	CR	
	PREREQ	ENGR 260C				
401	11.00	MTWTHF	TECH D	14A		
	10.00	T	TECH D	14A		
313B	FLUID MECHANICS			03.0	CR	
	PREREQ	ENGR 313A				
501	11.00	MTWTHF	TECH D	14A		
	10.00	T TH	TECH D	14A		
335	ELECTRICAL CIRCUITS			04.0	CR	
	PREREQ	MATH 252A				
201	09.00	MTW F	TECH A	210		
338	ELECTROMAG FIELDS			03.0	CR	
	PREREQ	MATH 305A				
201	08.00	M W F	TECH A	308		
361	ENGR ECONOMICS			03.0	CR	
	PREREQ	MATH 111				
201	12.00	M W F	TECH A	221		
375A	MECHANICS-MACHINES			03.0	CR	
	PREREQ	ENGR 311A				
201	TO BE ARRANGED					
407	POLLUT & WAST HT MGT			04.0	CR	
	PREREQ	SR STANDING				
201	TO BE ARRANGED					PEARSON SONNY
415A	WATER QUALITY CONTR			03.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	300A OR CONSENT OF INSTR				
201	10.00	M W F	TECH A	210		CHEN JUH WAH
418	DIGIT COMP-RESEARCH			03.0	CR	
	PREREQ	ENGR 222, MATH 150A				
201	01.00	M W F	TECH A	210		
428	WATER QUALITY LAB			01.0	CR	
	PREREQ	ENGR 415A				
201	TO BE ARRANGED					
430	SPEC PROB IN ENGR			01.0 TO 08.0	CR	
	PREREQ	SR STANDING IN ENGR & CONSENT OF INSTRUCTOR				
201	TO BE ARRANGED					
	ABOVE SECT ELEC SCI & SYST					
202	TO BE ARRANGED					
	ABOVE SECT ENGR MECH & MATERIALS					
203	TO BE ARRANGED					CHEN JUH WAH
	ABOVE SECT THERMAL & EVIRON ENGR					

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204	TO BE ARRANGED				
	ABOVE SECT SUMMER INSTITUTE OF DISCOVER				
	ENGINEERING				
432	ANALOG COMP-ENG DES	03.0 CR			
	PREREQ MATH 305A				
201	11.00-12.20 T TH	TECH D 116			
	LAB TBA IN TECH D 112				
442	STRUCT DESIGN-METAL	04.0 CR			
	PREREQ ENGR 440A OR CONSENT OF INSTR				
201	TO BE ARRANGED				
451	NUM METH IN MECH	03.0 CR			
	PREREQ ENGR 222, 311A, 313B OR CONCUR				
	ENROLL OR MATH 305A				
201	12.00 MT F	TECH A 210			
486	ELEC ENERGY SOURCES	03.0 CR			
	PREREQ SENIOR STANDING				
201	09.00 M W F	TECH B 20			
501	RAD HEAT TRANSFER	03.0 CR			
	PREREQ ENGR 302 & MATH 305 OR CONSENT				
	OF INSTR				
201	TO BE ARRANGED				
521	SOLID WASTE COL&DIS	03.0 CR			
	PREREQ GRADUATE STANDING				
201	TO BE ARRANGED				COOK ECHOL E
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR			
	PREREQ GRAD STANDING IN ENGR				
201	TO BE ARRANGED				GRISMORE F LEE JR
	ABOVE SECT ELEC SCI & SYST ENGR				
202	TO BE ARRANGED				
	ABOVE SECT ENGR MECH & MATERIALS				
203	TO BE ARRANGED				
	ABOVE SECT THERMAL & ENVIRON ENGR				
204	TO BE ARRANGED				
	ABOVE SECT SUMMER INSTITUTE OF DISCOVER				
	ENGINEERING				
580	SEMINAR	01.0 TO 09.0 CR			
201	TO BE ARRANGED				
	ABOVE SECT ELEC SCI & SYST ENGR				
202	TO BE ARRANGED				
	ABOVE SECT ENGR MECH & MATERIALS				
203	TO BE ARRANGED				CHEN JUH WAH
	ABOVE SECT THERMAL & ENVIRON ENGR				
204	TO BE ARRANGED				
	ABOVE SECT SUMMER INSTITUTE OF DISCOVER				
	ENGINEERING				
599	THESIS	01.0 TO 09.0 CR			
201	TO BE ARRANGED				
	ABOVE SECT ELEC SCI & SYST ENGR				
202	TO BE ARRANGED				
	ABOVE SECT ENGR MECH & MATERIALS				
203	TO BE ARRANGED				CHEN JUH WAH
	ABOVE SECT THERMAL & ENVIRON ENGR				
<b>FL Foreign Languages</b>					
497A	SURVEY -VIETNAM LIT	03.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ EQUIV OF 2 YRS OF VIETNAMESE				
201	10.00 TWTH	WOODY 3204			NGUYEN KHAC HOACH
543A	RESEARCH PROB-GER	01.0 TO 06.0 CR			
201	TO BE ARRANGED				FRENCH HOWARD
543B	RESEARCH PROB-FR	01.0 TO 06.0 CR			
201	TO BE ARRANGED				VOGELY MAXINE
543C	RESEARCH PROB-SPAN	01.0 TO 06.0 CR			
201	TO BE ARRANGED				WOODBIDGE HENSLEY C
560C	RESEARCH TECH- SPAN	04.0 CR			
301	11.00 MTWTHF	LIB 219			WOODBIDGE HENSLEY C

Specific languages are listed alphabetically.



**F & N Food & Nutrition**

100	FUNDAMENT NUTRI			03.0 CR	
201	10.00	M W F	H EC	203	HARPER JENNIE M
247C	SCHOOL LUNCH PROG			02.0 CR	
101	09.00-04.00	MTWTHF	TRUEBL	100	BECKER HENRIETTA E
	ABOVE SECT-JUNE 11-15				
256	SCIENCE OF FOOD			05.0 CR	
	PREREQ F&N 100, CHEM 110 AND 240 OR EQUIVALENT				
201	01.00	M W F	H EC	122	HARPER JENNIE M
	01.00-02.50	T TH	H EC	212	HARPER JENNIE M
335	MEAL MANAGEMENT			04.0 CR	
	PREREQ F&N 256				
301	11.00-01.50	M W F	H EC	107	BECKER HENRIETTA E
361	FOOD SERV ORG & MGT			03.0 CR	
	PREREQ F&N 256 OR CONSENT OF INSTR				
301	08.00-09.50	MTWTH	H EC	101	WOLFE POHLE HARDING
371	FIELD EXPERIENCE			06.0 CR	
	PREREQ CONSENT OF CHAIRMAN & INSTR TO BE ARRANGED				
201					
420	RECENT DEV IN NUTRI			03.0 CR	
	PREREQ F&N 320 OR EQUIVALENT				
301	09.00	MTWTH	H EC	214	KONISHI FRANK
421	REC TRENDS IN FOOD			03.0 CR	
	PREREQ F&N 320 OR EQUIVALENT				
301	08.00	MTWTH	H EC	101	WOLFE POHLE HARDING
481	READINGS			02.0 TO 04.0 CR	
	PREREQ F&N 320 & CONSENT OF CHAIRMAN AND INSTRUCTOR				
301	TO BE ARRANGED				
572	SPECIAL PROBLEMS			02.0 TO 08.0 CR	
301	TO BE ARRANGED				
599	THESIS			01.0 TO 09.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
301	TO BE ARRANGED				

**FE & M Family Economics and Management**

300	HOME EC FOR MEN			03.0 CR	
201	02.00	T TH	H EC	140B	
	02.00	F	H EC	203	
202	02.00	T TH	H EC	140B	
	02.00	M	H EC	203	
203	02.00	T TH	H EC	140B	
	01.00	M	H EC	203	
331	MGT FAMILY RES			03.0 CR	
201	12.00	T TH	H EC	140B	EDMONDSON MARY E
	12.00	F	H EC	206	
332	HOME MGT PRACTICUM			04.0 CR	
	PREREQ C&F 227, FE&M 331				
201	09.00-10.50	T TH	H EC	401	EDMONDSON MARY E
202	02.00-03.50	M W	H EC	401	EDMONDSON MARY E
341	CONSUMER PROBLEMS			04.0 CR	
201	11.00	MTW	H EC	140B	
	11.00	TH	H EC	203	
202	11.00	MTW	H EC	140B	
	11.00	F	H EC	203	
407	WORKSHOP			02.0 TO 08.0 CR	
301	09.00-10.50	MTWTHF	H EC	5	BARCLAY NANCY
	ABOVE SEC-JULY 16-27-MAKING DECIS IN A CHG SOCIETY				
601	09.00-10.50	MTWTHF	H EC	118	
	ABOVE SEC-JULY 2-13-ECON CONCEPTS FOR LO INCOME CONSUM				

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502 01.00-02.50 MTWTHF H EC 118  
 ABOVE SEC-JULY 2-13-HOUSING ALTERNATIVES  
 471 FIELD EXPERIENCE 02.0 TO 06.0 CR  
 PREREQ CONSENT OF CHAIRMAN  
 301 TO BE ARRANGED CRAIG KAREN E  
 481 READINGS 02.0 TO 06.0 CR  
 PREREQ 8 HOURS IN FE&M, AND CONSENT OF  
 F CHAIRMAN  
 201 01.00 M H EC 408 CRAIG KAREN E  
 TO BE ARRANGED  
 571 SEMINAR IN FE&T 04.0 CR  
 701 11.00-12.50 MTWTHF H EC 401 CRAIG KAREN E  
 572 SPECIAL PROBLEMS 02.0 TO 08.0 CR  
 PREREQ 6 HOURS IN FE&M AND CONSENT OF  
 CHAIRMAN  
 201 01.00 W H EC 408 CRAIG KAREN E  
 TO BE ARRANGED  
 599 THESIS 02.0 TO 09.0 CR  
 301 TO BE ARRANGED

# **FIN Finance**

271 BUSINESS LAW I 04.0 CR -(ELECTIVE PASS/FAIL)  
 201 01.00 MTWTH WHAM 308  
 301 READINGS IN FINANCE 01.0 TO 08.0 CR-(MANDATORY PASS/FAIL)  
 201 TO BE ARRANGED WINN EDWARD L  
 305 PERSONAL FINANCE 04.0 CR -(ELECTIVE PASS/FAIL)  
 201 10.00 TWTHF 0862 101  
 320 INTRO TO BUS FIN 04.0 CR  
 PREREQ ACCT 251B, ECON 215, GSD 110  
 201 12.00 MTWTHF CL 24  
 202 02.00 MTWTHF WHAM 228  
 323 INVESTMENTS 04.0 CR -(ELECTIVE PASS/FAIL)  
 201 09.00 MTWTH WHAM 308  
 09.00 F LS II 350  
 325 FINANCIAL MARKETS 04.0 CR  
 PREREQ ECON 315  
 201 11.00 TWTHF CL 109  
 370 LEGAL & SOC ENVIRON 04.0 CR  
 201 11.00 MTWTH WHAM 308  
 372 BUSINESS LAW II 04.0 CR -(ELECTIVE PASS/FAIL)  
 201 02.00 MTWTH 0861 102  
 430 BUSINESS FINANCE 04.0 CR  
 PREREQ RESTRICTED TO GRADUATE STUDENT  
 S  
 201 TO BE ARRANGED  
 CLASS MEETS WITH FIN 320

# **FOR Forestry**

104 INTRO FORESTRY 03.0 CR -(ELECTIVE PASS/FAIL)  
 401 01.00-04.50 F AG 166 WEAVER GEORGE T  
 10.00 M W F LAWSON 221 WEAVER GEORGE T  
 221 DENDROLOGY 04.0 CR  
 301 08.00 MTW F AG 187 WEAVER GEORGE T  
 01.00-03.50 T AG 190 WEAVER GEORGE T  
 TO BE ARRANGED WEAVER GEORGE T  
 TBA-SAT IN AG 190  
 302 08.00 MTW F AG 187 WEAVER GEORGE T  
 01.00-03.50 T AG 190 WEAVER GEORGE T  
 TO BE ARRANGED WEAVER GEORGE T  
 TBA-SAT IN AG 190  
 390 SPEC PROB IN FOREST 01.0 TO 06.0 CR  
 PREREQ CONSENT OF CHAIRMAN  
 201 TO BE ARRANGED MOSLEMI ALI A  
 391 HONORS IN FORESTRY 01.0 TO 06.0 CR  
 PREREQ JR STANDING, 4.0 GPA-4.25 IN  
 MAJ. & CONSENT OF DEPT  
 201 TO BE ARRANGED MOSLEMI ALI A  
 490 PRACTICUM 04.0 TO 16.0 CR  
 PREREQ CONSENT OF DEPARTMENT

201	TO BE ARRANGED				MOSLEMI ALI A
520A	READ FOR & FOR REC	01.0 TO 06.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
201	TO BE ARRANGED				MCCURDY DWIGHT R
520B	READINGS RES ECON	01.0 TO 06.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
201	TO BE ARRANGED				MCCURDY DWIGHT R
520C	READ FOR PRO WD SCI	01.0 TO 06.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
201	TO BE ARRANGED				MOSLEMI ALI
575	RESEARCH	01.0 TO 06.0 CR			
201	TO BE ARRANGED				
599	THESIS	01.0 TO 09.0 CR			
201	TO BE ARRANGED				

**FR French**

123B	FRENCH CONVERSATION	01.0 CR			
	PREREQ	CONCURRENT GSC 123B			
201	10.00	W	WHLR	207	
	ABOVE SECTION-JULY 11-AUGUST 2				
123C	FRENCH CONVERSATION	01.0 CR			
	PREREQ	CONCURRENT GSC 123C			
201	10.00	W	WHLR	214	
202	11.00	W	GYM	204	
201A	INTERMEDIATE FRENCH	03.0 CR			
	PREREQ	GSC 123-9 OR GSC 123C OR 2 YRS HIGH SCHOOL FR			
601	10.00-11.50	MT THF	WHLR	214	
	11.00	W	WHLR	214	
	ABOVE SECTION-JUNE 18-JULY 11				
201B	INTERMEDIATE FRENCH	03.0 CR			
	PREREQ	FR 201A OR EQUIVALENT			
301	10.00-11.50	MT THF	WHLR	214	
	11.00	W	WHLR	18	
	ABOVE SECTION-JULY 11-AUGUST 2				
201C	INTERMEDIATE FRENCH	03.0 CR			
	PREREQ	FR 201B OR EQUIVALENT			
501	10.00-11.50	MT THF	WHLR	214	
	11.00	W	WHLR	18	
	ABOVE SECTION-AUGUST 2-AUGUST 24				
288A	FR - RESEARCH TOOL	03.0 CR			
201	11.00	M WTH	WHLR	113	
288B	FR - RESEARCH TOOL	03.0 CR			
201	11.00	M WTH	WHLR	107	
350A	ADVANCED COMP-CONV	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ	201C OR EQUIV			
201	09.00	M W F	H EC	3	
352	FRENCH PHONETICS	02.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ	201C OR EQUIV			
201	09.00	T TH	WHLR	203	
401C	17TH CENTURY FR LIT	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ	FR 354,397 OR CONSENT OF INSTR			
301	01.00	MTWTH	WHLR	203	
402A	CONTEM FR NOV & THE	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ	FR 354,397 OR CONSENT OF INSTR			
301	01.00	MTWTH	WHLR	203	
408	FRENCH CIVILIZATION	04.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ	350, OR CONSENT OF INSTRUCTOR			
301	11.00	MTWTHF	GYM	204	
501	SEM SELC FR AUTHOR	02.0 TO 06.0 CR			
601	TO BE ARRANGED				
701	TO BE ARRANGED				

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Number	Meeting Dates	Number	Meeting Dates	Number	Meeting Dates	Number	Meeting Dates
101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		



599	THESIS	02.0 TO 09.0 CR	
201	TO BE ARRANGED		VOGELY MAXINE

Summer study tour offered in Montpellier, France. For information contact Dr. Maurice O'Meara at the Department of Foreign Languages.

### GEOG Geography

300	INTRO TO GEOG	04.0 CR	
201	08.00 MTWTH H EC	201	MEENTEMEYER VERNON
302	PHYSICAL GEOGRAPHY	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GEOG 300		
201	01.00-02.50 T TH	0862	102 MEENTEMEYER VERNON
304	ECONOMIC GEOGRAPHY	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GEOG 300		
201	10.00-11.50 M W	0862	102 BAUMANN DUANE
440	READINGS-MAJORS	02.0 TO 06.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ADVANCED STANDING & CONSENT OF INSTR & DEPT CHAIRMAN		
201	TO BE ARRANGED		
487A	HONORS TUTORIAL	02.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		
487B	HONORS READING	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		
487C	HONORS SUPERV RES	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 487A OR B AND CONSENT OF DEPT		
201	TO BE ARRANGED		
490C	TUTORIAL IN GEOG	02.0 CR	
	PREREQ GEOG MAJOR AND SENIOR STANDING		
301	09.00-11.50 M	COMM 1046	JONES DAVID
520	SEMINAR PHYS GEOG	02.0 TO 12.0 CR	
201	03.00-04.50 M W	LS II 430	JONES DAVID
530	INDEP STUDY GEOG	02.0 TO 10.0 CR	
201	TO BE ARRANGED		
540A	RESEARCH PHYS GEOG	02.0 TO 36.0 CR	
	PREREQ GEOG 520		
201	TO BE ARRANGED		
540B	RESEARCH-ECON GEOG	02.0 TO 36.0 CR	
	PREREQ GEOG 521		
201	TO BE ARRANGED		
540C	RESEARCH REG GEOG	02.0 TO 36.0 CR	
	PREREQ GEOG 522		
201	TO BE ARRANGED		
540D	RESEARCH CULT GEOG	02.0 TO 36.0 CR	
	PREREQ GEOG 524		
201	TO BE ARRANGED		
599	THESIS	03.0 TO 09.0 CR	
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		CARTER DOUGLAS
600	DISSERTATION	01.0 TO 48.0 CR	
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		CARTER DOUGLAS

### GEOL Geology

220	PHYSICAL GEOLOGY	03.0 CR	
	PREREQ HIGH SCHOOL OR COLLEGE CHEM		
401	09.00 MT TH	PARK 111	DAVIS RICHARD
	09.00 W	PARK 204	DAVIS RICHARD
	10.00-11.50 T TH	PARK 112	
402	09.00 MT TH	PARK 111	DAVIS RICHARD
	09.00 W	PARK 204	DAVIS RICHARD
	12.00-01.50 T TH	PARK 112	
321	INTRO PALEONTOLOGY	03.0 CR	
401	10.00 MTW F	PARK 205	ETHRIDGE FRANK
	11.00-12.50 M W	PARK 107	
430	PHYSIOGRAPHIC N AM	04.0 CR	
	PREREQ GEOL 220 OR CONSENT		

201	08.00	M W F	PARK	205	HARRIS STANLEY
	08.00-09.50	T	PARK	205	HARRIS STANLEY
440	INDEPENDENT STUDY		01.0 TO 04.0 CR		
	PREREQ ADVANCED STANDING AND CONSENT OF INSTR				
201	TO BE ARRANGED				
450	INTRO FIELD GEOL		03.0 CR		
	PREREQ GEOL 302 & 315				
201	TO BE ARRANGED				UTGAARD JOHNE
470A	EARTH SCI FOR TEACH		03.0 CR		
	PREREQ TEACHING EXPERIENCE				
301	11.00	MTW F	PARK	111	HARRIS STANLEY
540	ADVANCED STUDIES		01.0 TO 09.0 CR		
	PREREQ CONSENT				
401	TO BE ARRANGED				HOOD WILLIAM
541	RESEARCH		01.0 TO 09.0 CR		
	PREREQ CONSENT OF SUPERVISING INSTR				
201	TO BE ARRANGED				
599	THESIS		01.0 TO 09.0 CR		
201	TO BE ARRANGED				

# GER German

126	GERMAN CONVERSATION		03.0 CR		
	PREREQ CONCURRENT GSC 126-9				
201	01.00	M W F	H EC	3	
126C	GERMAN CONVERSATION		01.0 CR		
	PREREQ CONCURRENT GSC 126C				
201	09.00	T	H EC	120	
201	INTERMEDIATE GERMAN		09.0 CR		
	PREREQ GSC 126-9 OR GSC 126C OR 2 YRS HIGH SCHOOL GER				
201	09.00-10.50	MT THF	WHLR	212	
	09.00	W	WHLR	212	
	ACCELERATED				
220A	INTER GER CONVERSAT		02.0 CR		
	PREREQ GER 201C OR CONCURRENT REGISTRATION IN 201				
201	12.00-01.50	T TH	WHLR	113	
288A	GER - RESEARCH TOOL		03.0 CR		
601	01.00-02.50	MTWTHF	0721	102	GADWAY I
	ABOVE SECTION-JUNE 18-JULY 11				
288B	GER - RESEARCH TOOL		03.0 CR		
301	01.00-02.50	MTWTHF	0721	102	GADWAY I
	ABOVE SECTION-JULY 12-AUGUST 2				
288C	GER - RESEARCH TOOL		03.0 CR		
701	01.00-02.50	MTWTHF	0721	102	GADWAY I
	ABOVE SECTION-AUGUST 3-AUGUST 24				
312	GER DRAMA 19TH CENT		04.0 CR -(ELECTIVE PASS/FAIL)		
201	01.00	MT THF	WHLR	107	
406	THE GERMAN COMEDY		03.0 CR -(ELECTIVE PASS/FAIL)		
201	09.00	M W F	WHLR	203	
411A	MIDDLE HIGH GERMAN		03.0 CR -(ELECTIVE PASS/FAIL)		
401	10.00-11.50	M W F	WHLR	203	
411B	MIDDLE HIGH GERMAN		03.0 CR -(ELECTIVE PASS/FAIL)		
501	10.00-11.50	M W F	WHLR	203	
499	READGS IN 20TH CT		01.0 TO 02.0 CR-(ELECTIVE PASS/FAIL)		
201	02.00	T TH	H EC	3	
501	SEMINAR GER AUTHOR		02.0 TO 06.0 CR		
201	10.00	T TH	H EC	120	
514	SEMINAR IN FOLKLORE		03.0 CR		
201	02.00	M W F	H EC	120	FRENCH H
599	THESIS		02.0 TO 09.0 CR		

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201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

Summer study tour offered in Vienna, Austria. For information contact  
Dr. Hellmut Hartwig at the Department of Foreign Languages

**GOVT Government**

200 INTR TO POL SCIENCE 04.0 CR -(ELECTIVE PASS/FAIL)  
201 10.00 TWTH 0875 102 GARNER WILLIAM  
232 STATE LOCAL GOVT 04.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ 231 OR GSB 211B  
201 09.00 MT THF 0875 101 RIDGEWAY MARIAN E  
301 SCOPE & METH-POL SC 04.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ GOVT 200 RECOMMENDED  
501 01.00-02.50 MT THF 0495 219 LEVINE MARK

GOVT classes: Building 0495 is located at 600 W. Freeman St.

303 INTERNATL RELATIONS 04.0 CR -(ELECTIVE PASS/FAIL)  
301 02.00-03.50 MT TH WHAM 112 STAUBER LELAND  
321 READINGS 01.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)  
PRREQ APPROVAL OF GOVT DEPT UNDER-  
GRAD ADVISOR  
201 TO BE ARRANGED SAPPENFIELD  
202 TO BE ARRANGED SAPPENFIELD  
330 ILL GOVERNMENT 03.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ GOVT 232 OR JR STANDING  
201 11.00 M W F 0495 219 TURNER MAX  
335 POLITICAL SOCIALIZ 04.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ GSB 211B OR GOVT 200 OR INSTRU  
CTORS CONSENT  
201 12.00 MTWTH WHAM 317 LONG SAM  
340 THE LEGIS PROCESS 04.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ 231 OR GSB 211B  
201 12.00 MTWTH 0495 219 ALEXANDER ORVILLE  
360 PUBLIC ADMIN 04.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ GSB 211B OR GOVT 231  
201 08.00 MTWTH WHAM 112 SAPPENFIELD MAX  
381 PUB OPIN & ELEC BEH 04.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ GOVT 200 RECOMMENDED  
301 01.00 MTWTHF LAWSON 121 JACKSON JOHN S  
393 COMP COMMUNIST SYST 04.0 CR  
301 08.00-09.50 M W COMM 2012 CHOU IKUA  
08.00-09.50 F LS II 130  
395 INTERNSP-PUB AFFAIR 04.0 TO 12.0 CR-(ELECTIVE PASS/FAIL)  
PRREQ CONSENT OF DEPT  
201 TO BE ARRANGED LONG SAM  
406 AMER CHIEF EXEC 04.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ GSB 211B OR GOVT 231(C)-GSB  
203A(E)  
201 08.00 MTWTH WHAM 317 HANSON EARL  
438 SOC WELFARE LEGIS 04.0 CR -(ELECTIVE PASS/FAIL)  
301 09.00-10.50 M WTH H EC 208 ALEXANDER ORVILLE  
456 GRT BRIT-COMMWEALTH 04.0 CR -(ELECTIVE PASS/FAIL)  
201 11.00 MTWTH WHAM 317 HARDENBERGH WILLIAM  
467 URBAN POLITICS 04.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ GOVT 232  
301 12.00-01.50 M W F WHAM 112 SHADE WILLIAM L  
472 INTERNATIONAL ORGAN 04.0 CR -(ELECTIVE PASS/FAIL)  
PRREQ GSB 303  
201 09.00 MT THF WHAM 317 JACOBINI H B  
478 INTERNATL POLITICS 04.0 CR -(ELECTIVE PASS/FAIL)  
401 01.00-02.50 MT THF 0495 219 LANDECKER MANFRED

GOVT classes: Building 0495 is located at 600 W. Freeman St.

483 INTER REL-MID EAST 04.0 CR  
201 10.00 MTWTH WHAM 317 HANSON EARL  
490 HONORS RESEARCH 02.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)  
PRREQ CONSENT OF INSTR & CHAIRMAN



201	TO BE ARRANGED				SAPPENFIELD M M
506	POLITICAL BEHAVIOR	04.0 TO 12.0 CR			
	PREREQ	BASIC COURSES, RELATED TRNG OR			
		CONSENT OF INSTR			
201	12.00-01.50	M W	0495	241	MILLER ROY
515	SEM COMPAR GOV & POL	04.0 TO 12.0 CR			
	PREREQ	BASIC COURSES, RELATED TRNG OR			
		CONSENT OF INSTR			
201	02.00-03.50	M W	WHAM	301A	HARDENBERGH WILLIAM
517	SEM POLIT THEORY	04.0 TO 12.0 CR			
	PREREQ	GOVT 484 OR 488 OR CONSENT OF			
		INSTR			
201	02.00-03.50	M W	0495	241	MORTON WARD
520	SEM AMER FOR POLICY	04.0 CR			
	PREREQ	BASIC COURSES, RELATED TRNG OR			
		CONSENT OF INSTR			
201	10.00-11.50	T TH	0495	241	KLINGBERG FRANK
521	READINGS	01.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
201	TO BE ARRANGED				PAINE
202	TO BE ARRANGED				PAINE
530	INTERNSP PUB AFF	04.0 TO 12.0 CR			
	PREREQ	CONSENT OF DEPARTMENT			
201	TO BE ARRANGED				LONG SAM
582	LAW AND CORRECTIONS	04.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
401	11.00-12.50	TWTHF	PULL	39	WOODARD JESSE
595	INDIVIDUAL RESEARCH	02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTR			
201	TO BE ARRANGED				PAINE
599	THESIS	01.0 TO 09.0 CR			
	PREREQ	CONSENT OF INSTR			
201	TO BE ARRANGED				PAINE
600	DISSERTATION	01.0 TO 48.0 CR			
	PREREQ	MIN OF 36 HRS TO BE EARNED FOR			
		DOC OF PHIL DEGREE			
201	TO BE ARRANGED				PAINE

**GUID Guidance and Educational Psychology**

305	EDUC PSYCHOLOGY	04.0 CR			
	PREREQ	GSB 202 & ADMISSION TO TEACHER			
		EDUCATION PROGRAM			
201	08.00-09.50	M W	PULL	35	
202	08.00-09.50	T TH	PULL	35	
203	09.00-10.50	M W	PULL	37	
204	09.00-10.50	T TH	PULL	37	
205	10.00-11.50	M W	PULL	35	
206	10.00-11.50	T TH	PULL	35	
412	MENTAL HYGIENE	04.0 CR			
	PREREQ	GUID 305			
301	11.00-12.50	M W	WHAM	329	YATES J W
302	01.00-02.50	T TH	WHAM	203	YATES J W
422	CONST-USE EVAL INST	04.0 CR			
	PREREQ	GUID 305			
301	08.00	MTWTHF	LAWSON	121	HALADYNA THOMAS
302	09.00	MTWTHF	WHAM	206	WILLIAMS REED
303	10.00	MTWTHF	WHAM	208	HALADYNA THOMAS
304	01.00	MTWTHF	WHAM	205	RECTOR ALICE
481	SEMINAR	02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTR & DEPT			
301	TO BE ARRANGED				
501	SPEC RESEARCH PROB	02.0 TO 12.0 CR			
	PREREQ	ADVANCED STANDING & CONSENT OF			
		DEPARTMENT			

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201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

301	TO BE ARRANGED					
505	INTR TO STAT METH			04.0	CR	
301	09.00	MTWTHF	WHAM	329		
302	10.00	MTWTHF	WHAM	329		MCNEIL KEITH
303	01.00-02.50	T TH	H EC	102		ELMORE
	01.00	W	WHAM	329		ELMORE
506	ADV STATISTICAL MET			04.0	CR	
	PREREQ	GUID 505				
301	09.00	MTWTHF	WHAM	312		BEGGS DONALD
302	10.00	MTWTHF	WHAM	312		BEGGS DONALD
507	DES & ANAL OF EXPER			04.0	CR	
	PREREQ	GUID 506				
301	09.00	MTWTHF	WHAM	112		
515	PSY ASPECTS OF ED			04.0	CR	
	PREREQ	ADVANCED STANDING				
301	11.00-12.50	W F	NKRS A	160		MILES DAVID T
521A	ANAL-CLASSRM BEHAV			04.0	CR	
	PREREQ	GUID 305				
301	09.00-11.50	M W	TECH A	410		BARDO HAROLD
530	STANDARDIZED TEST			04.0	CR	
	PREREQ	GUID 505				
301	09.00-10.50	T TH	TECH A	408		BRADLEY RICHARD
537	COUNSEL THEORY-PRAC			04.0	CR	
	PREREQ	CONSENT OF DEPARTMENT				
301	02.00-03.50	M W	WHAM	208		MEEK CLINTON R
541	OCCUP INF & GUID			04.0	CR	
	PREREQ	GUID 442				
301	02.00-03.50	T TH	LS II	330		BRADLEY RICHARD
543	GUID THROUGH GROUPS			04.0	CR	
	PREREQ	GUID 442				
301	11.00-12.50	T TH	NKRS A	160		ALTEKRUSE MICHAEL
545M	SEM-PSYC FOUND - ED			04.0	CR	
301	10.00-11.50	M	WHAM	301B		CODY JOHN J
	10.00-11.50	W	WHAM	301A		CODY JOHN J
302	10.00-11.50	M	WHAM	301A		KELLY FRANCIS J
	10.00-11.50	W	0871	101		
548C	PRAC IN COUNSELING			02.0 TO 08.0	CR	
	PREREQ	CONSENT OF INSTR & 548A OR 548B				
301	09.00-11.50	F	WHAM	301B		ALTEKRUSE MICHAEL
	3 HRS TBA					
562A	HUM DEV IN ED-CHILD			04.0	CR	
	PREREQ	ADVANCED STANDING				
301	09.00-10.50	M W	AG	220		DEICHMANN JOHN W
562B	HUM DEV IN ED-ADOL			04.0	CR	
	PREREQ	MAY BE TAKEN IN A,B SEQUENCE				
301	09.00-10.50	M W	AG	222		GRAFF ROBERT W
567	TOP SEM-EDUC PSYC			02.0 TO 12.0	CR	
	PREREQ	CONSENT OF INSTRUCTOR				
301	TO BE ARRANGED					KELLY JACK
302	09.00-10.50	T TH	H EC	3		DEICHMANN JOHN
580	TOP SEM-STAT & MEAS			02.0 TO 12.0	CR	
	PREREQ	INSTRUCTORS PERMISSION				
301	01.00-02.50	T TH	TECH B	20		LEWIS ERNEST
581	PRACT-COUNS & GUID			01.0 TO 12.0	CR	
	PREREQ	GUID 548C				
301	TO BE ARRANGED					GRAFF ROBERT W
590	SEM - BEHAV FOUNDAT			02.0	CR	
	PREREQ	FORMAL ADMISSION TO DOCTOR OF PHIL STUDIES				
301	10.00-11.50	M W	AG	154		WILLIAMS REED G
596	INDEP INVESTIGATION			02.0 TO 12.0	CR	
	PREREQ	INSTRUCTORS PERMISSION				
301	TO BE ARRANGED					CODY JOHN J
597	INDEPENDENT STUDY			01.0 TO 12.0	CR	
	PREREQ	CONSENT OF DEPARTMENT				
301	TO BE ARRANGED					CODY JOHN J
599	THESIS			01.0 TO 09.0	CR	
	PREREQ	CONSENT OF DEPT				

301	TO BE ARRANGED				CODY JOHN J
600	DISSERTATION	01.0 TO 48.0	CR		
301	TO BE ARRANGED				CODY JOHN J
<b>H ED Health Education</b>					
301	H ED CONCEPTS ADV	04.0	CR		
301	08.00	MTWTHF	TECH A 408		VINCENT RAYMOND J
302S	DRIVER-TRAFF SAFETY	04.0	CR		
	PREREQ A VALID DRIVERS LICENSE				
301	08.00	MTWTHF	L-APS 136		LINDAUER LARRY B
305	PRIN-FOUND H ED	04.0	CR		
301	01.00	MTWTH	ARENA 121		HARRIS EILEEN
	01.00	F	TECH A 308		
313S	INTRO SAFETY EDUC	04.0	CR		
301	09.00	MTWTHF	L-APS 136		LINDANCE LARRY
302	06.30-09.00 PM	T TH	L-APS 136		SMITH DON
325	COMM HEALTH PROB	03.0	CR		
201	06.30-09.00 PM	W	ARENA 119		PHILLIPS FRANCES K
334	FIRST AID	04.0	CR		
201	08.00	MTWTH	ARENA 119		
202	09.00	MTWTH	ARENA 119		
203	10.00	MTWTH	ARENA 119		
204	11.00	MTWTH	ARENA 119		
205	12.00	MTWTH	ARENA 119		
350	METH MAT SCH HEALT	04.0	CR		
301	11.00	MTWTH	TECH A 422		PHILLIPS FRANCES K
	11.00	F	TECH A 322		
355	INTRO TO PUB HEALTH	04.0	CR		
301	04.00-05.50	MTWTHF	ARENA 123		AMADIO JOHN B
356	PUBLIC HEALTH II	05.0	CR		
301	TO BE ARRANGED				RICHARDSON CHARLES
400	HEALT APP SCH CHILD	04.0	CR		
	PREREQ NOT OPEN TO STUDENTS WHO HAVE HAD 450				
301	10.00	MTWTHF	ARENA 123		LEFEVRE JOHN R
401	DIS PREVENT & CONTR	03.0	CR		
301	12.00	MTWTHF	ARENA 123		FREEMAN NORMAN R
405	SEX EDUC IN SCHOOLS	04.0	CR		
	PREREQ JR, SR, GRAD H ED, PE, OR ELED MAJ OR CONSENT H ED DEPT				
301	08.00	MT THF	TECH A 422		BOYDSTON D N
	08.00	W	TECH A 222		
415S	WKSHOP DR ED TR SAF	03.0 TO 04.0	CR		
	PREREQ H ED 302 OR EQUIV				
701	02.00-03.50	MTWTHF	ARENA 123		LINDAUER LARRY
442S	DRIV & TRAF SAFE ED	04.0	CR		
	PREREQ HED 302S				
301	09.00	MTWTHF	L-APS 135		RITZEL DALE O
443S	DRIV & TRAF SAFE ED	04.0	CR		
	PREREQ HED 442S				
301	10.00	MTWTHF	L-APS 135		RITZEL DALE O
445S	DRIVER SIMULATION	04.0	CR		
	PREREQ H ED 443S OR CONSENT OF INSTR				
501	04.00-05.50	MTWTHF	ARENA 125		SMITH DON
460	SCH HEALTH PROGRAMS	04.0	CR		
301	09.00	MTWTHF	TECH A 310		HARRIS EILEEN
461	WORKSHOP HEALTH ED	04.0 TO 08.0	CR		
701	02.00-04.50	MTWTHF	ARENA 119		RUSSELL ROBERT D
462	HEALTH ED WORKSHOP	04.0	CR		
701	02.00-04.50	MTWTHF	ARENA 119		RUSSELL ROBERT D
463	HEALTH ED WORKSHOP	01.0 TO 04.0	CR		
701	02.00-04.50	MTWTHF	ARENA 119		RUSSELL ROBERT D

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101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		



470S	HWY SAFE-STIM & DEP	04.0 CR	
	PREREQ ADVANCED STANDING OR CONSENT OF INSTRUCTOR		
601	01.00-02.50 MTWTHF L-APS 136	RITZEL DALE O	
471	ORG AD SCH HEALTH	04.0 CR	
301	08.00 MTWTHF ARENA 121	CASEY RALPH	
475S	TRAFFIC LAW ENFORCE	04.0 CR	
	PREREQ H ED 433S OR CONSENT OF INSTR		
301	11.00 MTWTHF ARENA 123	SMITH DON	
481S	SAFETY ED WORKSHOP	04.0 CR	
	PREREQ H ED 314S OR 323S OR 480S OR CONSENT OF INSTR		
201	01.00-04.50 MTWTHF L-APS 135	LINDAUER LARRY	
	ABOVE SECT-AUG 13-24		
490	FLD WK SCH COMM HEA	02.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
201	TO BE ARRANGED		RICHARDSON CHARLES
491	H TCH-SCHOOL & COMM	04.0 CR	
	PREREQ H ED 305,471 OR CONSENT OF INSTRUCTOR		
301	09.00 MTWTHF ARENA 123	VINCENT RAYMOND J	
495S	DRIVER ED-HANDICAP	04.0 CR	
	PREREQ ADVANCED STANDING OR CONSENT OF INSTR		
701	10.00-11.50 MTWTHF L-APS 135	KRAEMER DAVIDGEORGE	
500	ORG COM FOR HTH ED	04.0 CR	
301	08.00 MTWTHF TECH A 310	GRISSOM DEWARD	
510	CONST CURR-HED&SAFE	04.0 CR	
301	10.00 MTWTHF ARENA 125	CASEY RALPH	
511	PRACT H ED WKSHOP	05.0 CR	
501	12.00 MTWTHF ARENA 121	RUSSELL ROBERT D	
	02.00-04.50 MTWTHF ARENA 121	RUSSELL ROBERT D	
515	CUR LIT IN HTH ED	04.0 CR	
301	TO BE ARRANGED		RICHARDSON CHARLES
520	SPEC PROJ-HED & SAF	04.0 TO 06.0 CR	
301	TO BE ARRANGED		BOYDSTON DONALD N
533A	HUMAN CONSERVATION	04.0 CR	
	PREREQ PERMISSION OF INSTRUCTOR		
301	09.00 MTWTHF ARENA 121	GRISSOM DEWARD K	
533B	HUMAN CONSERVATION	04.0 CR	
	PREREQ H ED 533		
301	10.00 MTWTHF ARENA 121	GRISSOM DEWARD K	
533C	HUMAN CONSERVATION	04.0 CR	
	PREREQ H ED 533A,B		
301	11.00 MTWTHF ARENA 121	GRISSOM DEWARD	
540S	READ-TRAF & SAF ED	01.0 TO 04.0 CR	
	PREREQ ADVANCED GRADUATE STANDING AND CONSENT OF INSTRUCTOR		
301	TO BE ARRANGED		AARON JAMES E
550S	CURRENT DEV-D&S ED	04.0 CR	
	PREREQ ADVANCED GRADUATE STANDING AND CONSENT OF INSTRUCTOR		
601	11.00-12.50 MTWTHF L-APS 135	AARON JAMES E	
590	FIELD INTERNSHIP	04.0 TO 12.0 CR	
201	TO BE ARRANGED		GRISSOM DEWARD K
597A	SEM IN HED & SAFETY	01.0 CR	
301	TO BE ARRANGED		BOYDSTON DONALD N
597B	SEM IN HED & SAFETY	01.0 CR	
301	TO BE ARRANGED		BOYDSTON DONALD N
597C	SEM IN HED & SAFETY	01.0 CR	
301	TO BE ARRANGED		BOYDSTON DONALD N
599	THESIS	03.0 TO 09.0 CR	
301	TO BE ARRANGED		BOYDSTON DONALD N
600	DISSERTATION	01.0 TO 48.0 CR	
	PREREQ MUST MEET MINIMUM REQ OF 36 HRS FOR PH D DEGREE		
301	TO BE ARRANGED		

**HEED Home Economics Education**

309A	PROGRAM PLANNING	03.0 CR			
	PREREQ GUID 305, S ED 310				
301	09.00 M WTHF H EC 120	EDDLEMAN			
407	WORKSHOP	04.0 CR			
601	TO BE ARRANGED				FULTS ANNA CAROL
	ABOVE SECT-PRACTICUM IN H EC RELATED OCCUP				
701	11.00-12.50 MTWTHF H EC 133	CARTER ROSE MARY			
	ABOVE SECT-THE DISADVANTAGED LEARNER				
481	READINGS	02.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR AND CHAIRMAN OF DEPARTMENT				
201	TO BE ARRANGED				
515	TRENDS AND ISSUES	04.0 CR			
601	02.00-03.50 MTWTHF H EC 133	KEENAN DOROTHY M			
525	COOP VOC-TECH ED	04.0 CR			
601	11.00-12.50 MTWTHF TECH A 220	FULTS ANNA CAROL			
	ABOVE SEC-JUN 25-JUL 13 X-LIST WITH DE, AG 1, SEC 525				
572	SPECIAL PROBLEMS	02.0 TO 08.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
701	TO BE ARRANGED				
573	SEM-RES IN HOME EC	01.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
301	01.00 M W H EC 133	FULTS ANNA CAROL			
599	THESIS	02.0 TO 09.0 CR			
301	TO BE ARRANGED				
600	DISSERTATION	03.0 TO 48.0 CR			
301	TO BE ARRANGED				FULTS & KEENAN

**HIED Higher Education**

510	HIGHER EDUC IN U S	04.0 CR			
401	02.00-03.50 M W F WHAM 212	HAWLEY JOHN BABCOCK			
	02.00-03.50 T TH WHAM 305				
512	HIED-SELECT NATIONS	04.0 CR			
301	09.00-10.50 M W WHAM 228	CALDWELL OLIVER J			
516	COL STUDENT-CULTURE	04.0 CR			
301	08.00 MTWTHF WHAM 305	GRAHAM JACK W			
518	COLLEGE TEACHING	04.0 CR			
301	10.00 MTWTHF CL 25	SWINBURNE BRUCE R			
522	READINGS	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
301	TO BE ARRANGED				GRAHAM, CASEBEER
302	TO BE ARRANGED				TOLLE, SWINBURNE
303	TO BE ARRANGED				KEENE, KING
304	TO BE ARRANGED				HAWLEY, CALDWELL
523A	INTERN-COLL TEACH	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
201	TO BE ARRANGED				SWINBURNE BRUCE R
523B	INTERN-STUDENT PERS	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
301	TO BE ARRANGED				GRAHAM JACK W
523C	INTERN-COLLEGE ADM	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
301	TO BE ARRANGED				KING JOHN E
523D	INTERNSHIP	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
201	TO BE ARRANGED				JUNG LOREN B
524	INDIVIDUAL STUDY	02.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
301	TO BE ARRANGED				GRAHAM, CASEBEER
302	TO BE ARRANGED				TOLLE DONALD J

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303	TO BE ARRANGED			KEENE, KING
304	TO BE ARRANGED			HAWLEY, CALDWELL
305	TO BE ARRANGED			SWINBURNE BRUCE R
535C	STU PERS GROUP WORK	02.0 TO 04.0	CR	
701	02.00-03.50	MTWTHF	WHAM	202 GRAHAM JACK W
535E	PROB IN CENT ADMIN	02.0 TO 04.0	CR	
601	12.00-01.50	MTWTHF	WHAM	206 KING JOHN E
535F	BUS & FISCAL ADMIN	02.0 TO 04.0	CR	
101	10.00-12.30	MTWTHF	WHAM	301B CALDWELL OLIVER
102	02.00-03.50	MTWTHF	WHAM	321 KEENE, ADAMS
535G	ACAD & FACULTY ADM	02.0 TO 04.0	CR	
601	04.00-05.50	MTWTHF	WHAM	307 GRAHAM JACK W
	ABOVE SECT--ACADEMIC ADVISEMENT			
535I	JR COLLEGE ADMIN	02.0 TO 04.0	CR	
601	02.00-03.50	T TH	WHAM	319 TOLLE DONALD J
535J	TECHNICAL INSTITUTE	02.0 TO 04.0	CR	
101	02.00-03.50	MTWTHF	WHAM	301B PRATT ARDEN
535K	ADULT & CONTIN EDUC	02.0 TO 04.0	CR	
101	08.00-09.50	MTWTHF	WHAM	301B HAWLEY JOHN BABCOCK
501	04.00-05.50	T TH	WHAM	312 SWINBURNE BRUCE R
545S	SEMINAR LAW & LEG	02.0 TO 04.0	CR	
701	02.00-03.50	MTWTHF	WHAM	208 CASEBEER, HUFFMAN
545V	FED GOV & HI ED	02.0 TO 04.0	CR	
601	02.00-03.50	M W F	WHAM	303
555	PHILOSOPHY OF HI ED	04.0	CR	
501	02.00-03.50	MTWTHF	WHAM	212 CASEBEER
565	COMMUNIT-JR COLLEGE	04.0	CR	
401	01.00-03.50	M W F	WHAM	307 TOLLE DONALD J
589	ADVANCED RESEARCH	04.0 TO 08.0	CR	
	PREREQ CONSENT OF INSTRUCTOR			
301	08.00-09.50	MTWTHF	WHAM	201 KING, SWINBURNE
599	THESIS	01.0 TO 09.0	CR	
301	TO BE ARRANGED			
600	DISSERTATION	01.0 TO 48.0	CR	
	PREREQ MINIMUM OF 36 HRS TO BE EARNED			
	FOR DOCTOR OF PHIL			
301	TO BE ARRANGED			

## HIST History

200A	HIST OF WEST CIV	03.0	CR	
201	09.00	T THF	LAWSON	221 SHELBY LON
304A	ANC WORLD-NEAR EAST	03.0	CR	
201	06.00-08.50 PM	T	LAWSON	131 BREHM DONALD
309A	SURV BLACK AM HIST	03.0	CR	
201	09.00	T THF	H EC	202 JAMES FELIX
315A	INTEL HIST-WEST WLD	03.0	CR	-(ELECTIVE PASS/FAIL)
201	12.00	MT TH	LAWSON	221 VYVERBERG HENRY
332B	MEDIEVAL HISTORY	03.0	CR	
	PREREQ SOPH STANDING			
201	03.00-04.50	M W	H EC	104 BREHM DONALD
333B	EUR HIST-18&19 CENT	03.0	CR	
201	10.00	T THF	H EC	102 ZUCKER STANLEY
352C	LATN AMER-20TH CENT	03.0	CR	-(ELECTIVE PASS/FAIL)
201	09.00	M WTH	H EC	102 GARDINER C HARVEY
365B	HIST CHINESE CIVIL	03.0	CR	
	PREREQ 6 HRS OF 300-LEVEL SOC SCIENCE			
	OR CONSENT OF INSTR			
301	12.00	MTWTH	H EC	106 WU TIEN-WEI
408B	PROB IN BLCK AM HIS	03.0	CR	
	PREREQ 6HRS 300 LEVEL SOC SCI OR			
	CONSENT OF INSTR			
201	12.00	T THF	H EC	122 JAMES FELIX
409B	US CONSTITUT HIST	03.0	CR	-(ELECTIVE PASS/FAIL)
201	09.00	MT TH	H EC	106 CARROTT M BROWNING
410	SPECIAL READINGS	02.0 TO 05.0	CR	
201	TO BE ARRANGED			
411B	U S SOC-INT-19TH C	03.0	CR	
301	10.00	M W F	H EC	106 ADAMS GEORGE W
	10.00	T	H EC	203



414R INT-HIST EUR-19TH C 03.0 CR -(ELECTIVE PASS/FAIL)  
 201 11.00 MT TH LAWSON 221 VYVERBERG HENRY  
 425R AMER COLONIAL HIST 03.0 CR  
 201 01.00 MT TH H EC 208 BATINSKI MICHAEL  
 435R 20TH CENT U.S. HIST 03.0 CR  
 PREREQ GSB 300C OR CONSENT OF INSTR  
 201 02.00 T TH H EC 122 ALLEN HOWARD  
 02.00 M H EC 104  
 455 HIST INNER-ASIA REL 03.0 CR  
 301 10.00 MTWTH H EC 201 WU TIEN-WEI  
 460A MEDIEVAL SOCIETY 03.0 CR -(ELECTIVE PASS/FAIL)  
 201 11.00 T THF H EC 120 SHELBY LON  
 461A MID AGE-CULT&INTELL 03.0 CR  
 201 06.00-07.25 PM M W WHAM 208 BREHM DONALD  
 475R DICTATORSHIP-LAT AM 03.0 CR -(ELECTIVE PASS/FAIL)  
 201 11.00 M WTH H EC 202 GARDINER C HARVEY  
 500A SEMINAR-AMER HIST 05.0 CR  
 301 03.00-05.50 M W H EC 3 ADAMS GEORGE  
 509 STUDIES-NEGRO HIST 04.0 CR  
 201 01.00-04.50 T H EC 120 JAMES FELIX  
 510 READINGS IN HISTORY 02.0 TO 12.0 CR  
 PREREQ CONSENT OF DEPT  
 201 TO BE ARRANGED  
 590 MOD EUROPEAN HIST 04.0 CR  
 PREREQ GRAD STANDING OR PERMISSION OF  
 DEPT  
 201 01.00-04.50 TH H EC 120 ZUCKER STANLEY  
 597 INDEP INVESTIGATION 03.0 TO 07.0 CR  
 PREREQ DOCTORAL STANDING AND CONSENT  
 OF GRADUATE ADVISOR  
 201 TO BE ARRANGED  
 599 THESIS 01.0 TO 09.0 CR  
 201 TO BE ARRANGED  
 600 DISSERTATION 01.0 TO 48.0 CR  
 201 TO BE ARRANGED

### IT Industrial Technology

319 INDUSTRIAL INTERN 03.0 TO 24.0 CR  
 PREREQ CONSENT OF INSTR  
 301 TO BE ARRANGED  
 341 MAINTENANCE 03.0 CR  
 501 12.00 MTWTHF TECH D 131  
 03.00 TH TECH D 131  
 358 MAT HAND&PL LAYOUT 05.0 CR  
 PREREQ I T 317 & 325  
 301 09.00-10.50 MT TH TECH A 307  
 10.00 F TECH A 422  
 382 MOTION & TIME STUDY 04.0 CR  
 PREREQ SENIOR STANDING  
 301 04.00 MTWTHF TECH A 307  
 ABOVE SECT-4 HOURS TO BE ARRANGED  
 440 MANUFACTNG POLICY 04.0 CR  
 PREREQ IT 358, 365, 375, 382 OR CONSE  
 NT  
 301 11.00 MTWTHF TECH D 131  
 ABOVE SECT-4 HOURS TO BE ARRANGED  
 465A INDUSTRIAL SAFETY 04.0 CR  
 PREREQ SR STANDING  
 301 02.00-03.50 MT TECH A 220  
 02.00 TH TECH A 220  
 ABOVE SECT-4 HOURS TO BE ARRANGED

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**ID Interior Design**

131	INTRO TO DESIGN			03.0 CR	
201	09.00	T	H EC	304A	LOUGEAY PAUL
	09.00-10.50	TH	H EC	304A	LOUGEAY PAUL
327	HOME FURNISH & INT			03.0 CR	
	PREREQ	131 OR EQUIV OR	CONSENT OF		
		INSTR			
201	11.00	T	H EC	304A	
	11.00-12.50	TH	H EC	304A	
371	FIELD EXPERIENCE			06.0 CR	
	PREREQ	ID MAJORS WITHIN 3 QTRS OF			
		GRADUATION			
201	TO BE ARRANGED				LOUGEAY PAUL
391B	INTERMEDIATE ID			05.0 CR	
	PREREQ	ID 391A			
201	09.00-11.50	M W F	H EC	304A	LOUGEAY PAUL
396	SPECIAL PROBLEMS			02.0 TO 05.0 CP	
	PREREQ	CONSENT OF INSTRUCTOR			
201	TO BE ARRANGED				LOUGEAY PAUL
418	WORKSHOP			02.0 TO 08.0 CR	
	PREREQ	CONSENT OF CHM			
601	08.00-09.50	MTWTHF	H EC	302	
	ABOVE SECT FURN UPHOL & REFINISHING				
481	READINGS			02.0 TO 06.0 CR	
	PREREQ	CONSENT OF CHAIRMAN			
201	TO BE ARRANGED				LOUGEAY PAUL

**IM Instructional Materials**

401	INTRO TO CATALOGING			04.0 CR	
601	12.00-01.50	MTWTHF	PULL	310	DALE DORIS CRUGER
403	SCH LIB FUN MGT			04.0 CR	
301	08.00	MTWTHF	PULL	318	FLETCHER KATHLEEN
405	LIB MAT FOR CHILD			04.0 CR	
	PREREQ	OPEN TO JUNIORS WITH CONSENT			
		OF INSTRUCTOR			
301	09.00	MTWTHF	PULL	318	FLETCHER KATHLEEN
407	BASIC REF SOURCES			04.0 CR	
301	10.00	MTWTHF	PULL	318	COX DOROTHY J
413	CAT OF NON-BOOK MAT			04.0 CR	
	PREREQ	IM 401			
301	11.00	MTWTHF	PULL	318	COX DOROTHY J
417	A-V METH IN EDUC			04.0 CR	
	PREREQ	GUID 305			
301	08.00	MTWTHF	LAWSON	231	
302	09.00	MTWTHF	LAWSON	231	
303	10.00	MTWTHF	LAWSON	231	
304	11.00	MTWTHF	LAWSON	231	
305	12.00	MTWTHF	LAWSON	231	
306	01.00	MTWTHF	LAWSON	231	
440	PHOTOG FOR TEACHERS			04.0 CR	
	PREREQ	IM 417			
301	09.00	MTWTHF	PULL	310	BUTTS GORDON K
445	PREP TEACH-MADE MAT			04.0 CR	
	PREREQ	417 OR CONSENT OF INSTRUCTOR			
301	08.00-09.50	MTWTHF	PULL	307	JURGEMEYER FREDERICK
302	10.00-11.50	MTWTHF	PULL	307	JURGEMEYER FREDERICK
450	CLASSROOM TV TCHG			04.0 CR	
101	09.00-10.50	MTWTHF	LAWSON	101	PLANINC CARL
	01.00-02.50	MTWTHF	LAWSON	101	PLANINC CARL
506	LIT OF SOC SCIENCES			04.0 CR	
	PREREQ	IM 308, 407			
301	10.00	MTWTHF	PULL	316	DALE DORIS
510	MASS COMM IN EDUC			04.0 CR	
	PREREQ	IM 417			
601	12.00-01.50	MTWTHF	PULL	318	SPIGLE IRVING
514	SUR-RES & DEV IN IM			04.0 CR	
	PREREQ	405, 406, 417 OR CONSENT OF			
		INSTRUCTOR			
301	09.00	MTWTHF	PULL	316	SPIGLE IRVING S

546	INTEG A-V MATERIALS	04.0 CR	
	PREREQ 417, CONSENT OF INSTRUCTOR		
301	08.00 MTWTH PULL	316	INGLI DON
549	VISUAL LEARNING	04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
601	02.00-03.50 MTWTH PULL	318	WENDT PAUL R
570	PRACTICUM	04.0 TO 12.0 CR	
	PREREQ IM 417, 445, AND CONSENT OF CHAIRMAN		
301	TO BE ARRANGED		
576	PROB INST MAT	02.0 TO 08.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
301	TO BE ARRANGED		
599	THESIS	05.0 TO 09.0 CR	
301	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
301	TO BE ARRANGED		BUTTS GORDON K

## JRNL Journalism

With the exception of JRNL 345, 346, and 370, admission to all JRNL courses must be approved by the School of Journalism.

300	THE NEWS	03.0 CR	
	PREREQ JRNL 345 346		
301	08.00 M W F	COMM 1017	
	08.00-09.50 T	COMM 1248	
302	08.00 M W F	COMM 1017	
	10.00-11.50 TH	COMM 1248	
301	NEWSWRIT EDIT I	03.0 CR	
	PREREQ JRNL 300		
301	09.00 M W	NKRS A 160	
	LAB-COMM 1248, DAY TBA		
302	09.00 M W	NKRS A 160	
	LAB-COMM 1248, DAY TBA		
302	NEWSWRIT EDIT II	03.0 CR	
	PREREQ JRNL 301		
301	10.00 MTWTH	COMM 1213	
303	NEWS & EDIT III	03.0 CR	
	PREREQ JRNL 301 AND 302		
301	11.00 T TH	COMM 1213	HARMON WILLIAM M
310B	CABLE TV REPORTING	03.0 CR	
	PREREQ JRNL 300, 301, 302, 310A		
301	08.00 TWTHF	COMM 1250	RIMERMAN MARVIN H
330	EDITORIAL WRITING	03.0 CR	
	PREREQ JRNL 303		
301	09.00 MTWTH	COMM 1250	
345	HIST OF JOURN	03.0 CR	
201	09.00 MTWTH	NKRS A 156	
346	MASS MEDIA & MOD SOC	03.0 CR	
301	01.00 MTWTH	LAWSON 221	GROTTA GERALD
349	PRACTICUM	02.0 CR	
	PREREQ CONSENT OF DEPARTMENT		
301	TO BE ARRANGED		HARMON WILLIAM
370	PRIN OF ADVERTISING	03.0 CR	
301	10.00 TWTHF	NKRS C 218	
372	AD COPY LAYOUT PROD	05.0 CR	
	PREREQ JRNL 373		
301	01.00 MTWTHF	COMM 1213	
	01.00-03.50 W	COMM 1213	
373	ADV MEDIA & MARKETS	03.0 CR	
	PREREQ JRNL 374		
301	11.00 MTWTH	TECH A 322	

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383A	NP PROD MANAGEMENT		03.0 CR	
	PREREQ CONCURRENT WITH JRNL 345 OR 346			
301	11.00-12.50	T TH	COMM 1250	
383B	NP PROD MANAGEMENT		03.0 CR	
	PREREQ JRNL 383A			
301	10.00-11.50	M W	COMM 1250	
389	BASIC RES IN JRNL		03.0 CR	
301	09.00	MTWTH	COMM 1248	
391	FEATURE WRITING		03.0 CR	
	PREREQ JRNL 303			
301	02.00	MTWTH	COMM 1250	MENDENHALL HARLAN H
393	PUBLICITY METHODS		03.0 CR	
301	10.00	MTWTH	COMM 1018	
399	SENIOR SEMINAR		01.0 CR	
	PREREQ LAST QTR MAJORS			
301	10.00	T TH	COMM 1006	RUCKER BRYCE
421	SCHOOL PUBLICATIONS		04.0 CR	
301	08.00	MTWTHF	COMM 1006	RICE W MANION
431	PUBLIC RELATIONS		03.0 CR	
	PREREQ SR STANDING-JRNL MAJORS ONLY			
301	12.00	MTWTH	COMM 1006	
442	LAW OF JOURNALISM		03.0 CR	
	PREREQ SR STANDING -JRNL MAJORS ONLY			
301	01.00	MTWTH	COMM 1022	
445	SPECIALIZED WRITING		04.0 CR	
	PREREQ CONSENT OF INSTR			
301	03.00-04.50	TWTH	COMM 1250	GROTTA GERALD
498	READINGS		01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR			
301	TO BE ARRANGED			STONECIPHER HARRY
501	LITERATURE OF JRNL		03.0 CR	
301	TO BE ARRANGED			LONG HOWARD R
532	MASS COMM THEORY		04.0 CR	
	PREREQ JRNL 433B OR CONSENT OF INSTR			
301	10.00	M	NKRS A 278	
	10.00-11.50	T TH	NKRS A 278	
533	RESEARCH PROB-JRNL		01.0 TO 12.0 CR	
	PREREQ GRAD STANDING			
301	TO BE ARRANGED			BROWN GEORGE CURTIS
302	TO BE ARRANGED			BROWN GEORGE CURTIS
590	SEMINAR-JRNL HIST		03.0 CR	
	PREREQ JRNL 545 OR CONSENT OF INSTR			
301	02.00-03.50	W	COMM 1022	HART JIM ALLEE
	02.00-03.50	F	COMM 1017	
592	COMM & NAT DEVEL		03.0 CR	
	PREREQ GRADUATE STATUS AND CONSENT			
301	02.00-03.50	T TH	NKRS A 160	CHU GODWIN C
598	READINGS		01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR			
301	TO BE ARRANGED			BROWN GEORGE CURTIS
302	TO BE ARRANGED			BROWN GEORGE CURTIS
599	THESIS		01.0 TO 08.0 CR	
301	TO BE ARRANGED			BROWN GEORGE CURTIS
600	DISSERTATION		01.0 TO 48.0 CR	
301	TO BE ARRANGED			BROWN GEORGE CURTIS
<b>LAC Liberal Arts College</b>				
300	INDIV INTERDIS READ		01.0 TO 04.0 CR	
	PREREQ ADVANCE APPROVAL BY DEAN			
201	TO BE ARRANGED			
301	INDIV INTERDISC RES		01.0 TO 04.0 CR	
	PREREQ ADVANCE APPROVAL BY DEAN			
201	TO BE ARRANGED			
302	IND INTERDIS F STUD		01.0 TO 04.0 CR	
	PREREQ ADVANCE APPROVAL BY DEAN			
201	TO BE ARRANGED			

LING		Linguistics					
401A	INTRO TO LINGUISTIC	04.0	CR				
201	09.00 MT THF	CL	326	GILBERT GLENN G			
402A	PHONETICS	04.0	CR				
201	08.00 MT THF	COMM	1022	GILBERT GLENN G			
410	INTER UNCOMMON LANG	15.0	CR				
	PREREQ GSC 250 OR EQUIVALENT						
201	08.00-09.50 MTWTHF	AG	218	NGUYEN DINH-HOA			
	11.00 MTWTHF	0720	121	NGUYEN DINH-HOA			
	01.00 MTWTHF	AG	218	NGUYEN DINH-HOA			
	SECTION 1 INTENSIVE INTERMED VIET (G,H .I)						
202	08.00-09.50 MTWTHF	AG	148	DONALDSON JEAN			
	11.00 MTWTHF	0720	121	DONALDSON JEAN			
	01.00 MTWTHF	AG	148	DONALDSON JEAN			
	SECT 2 INTENSIVE INTERMED LAO (P,Q,R)						
203	08.00-09.50 MTWTHF	AG	150	LEWITZ SAVEROS			
	11.00 MTWTHF	0720	121	LEWITZ SAVEROS			
	01.00 MTWTHF	AG	150	LEWITZ SAVEROS			
	SECT 3 INTENSIVE INTERCAMBODIAN (S,T,U)						
415	SOCIOLINGUISTICS	04.0	CR				
	PREREQ ONE PREVIOUS COURSE IN LING OR CONSENT OF INSTR						
201	11.00 MT THF	COMM	1006	GILBERT GLENN			
420G	ADV VIETNAMESE	04.0	CR				
	PREREQ LING 410 OR EQUIV						
201	08.00 MTWTH	AG	170	NGUYEN DINH-HOA			
420P	ADVANCED LAO	05.0	CR				
	PREREQ 410P,Q,R OR EQUIV						
201	08.00 MT THF	COMM	1018	DONALDSON JEAN			
420S	ADVANCED-CAMBODIAN	04.0	CR				
	PREREQ LING 410 OR EQUIV						
201	08.00 MT THF	COMM	1021	LEWITZ SAVEROS			
430	GRAMMATICAL STRUCT	04.0	CR				
	PREREQ LING 401A AND B OR EQUIVALENT						
201	TO BE ARRANGED						
497	READINGS IN LING	02.0 TO 12.0	CR				
	PREREQ CONSENT OF INSTR & UNDERGRAD STATUS						
201	TO BE ARRANGED						
508	ADV TRANSFORM SYN	04.0	CR				
	PREREQ LING 408						
201	01.00 MT THF	COMM	1018	CARRELL PATRICIA			
540	STUDIES-LINGUISTICS	02.0 TO 08.0	CR				
	PREREQ 401B OR EQUIV OR CONSENT						
201	09.00-10.50 T TH	COMM	1022	PARISH CAHRLES			
550A	PRO-SEM IN LING	04.0	CR				
	PREREQ LING 508 OR CONSENT OF INSTR						
201	09.00 M	AG	152				
	09.00-10.50 W	0720	105	CARRELL PATRICIA L			
570	CLSRM TECH IN TEFL	03.0	CR				
301	12.00-01.50 T TH	TECH A	408				
580	SPEC PROB OF EFL	04.0	CR				
	PREREQ LING 570,& 571B,& 572 OR 573						
201	02.00-03.50 T TH	TECH A	408	PARISH CHARLES			
597	READINGS IN LING	02.0 TO 12.0	CR				
	PREREQ LING 401B OR EQUIV						
201	TO BE ARRANGED						
599	THESIS	02.0 TO 09.0	CR				
	PREREQ M.A. CANDIDACY						
201	TO BE ARRANGED						

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**MATH Mathematics**

108	BASIC TRANS MATH		03.0	CR
	PREREQ	GSD 107		
201	08.00	M W F	NKRS A	156
202	09.00	MT TH	NKRS C	118
203	03.00	TW F	NKRS C	116
204	04.00	M WTH	NKRS A	160
111A	COL ALGEBRA TRIG		05.0	CR
	PREREQ	MUST BE TAKEN IN A,B SEQUENCE		
201	08.00	MTWTHF	TECH A	210
202	12.00	MTWTHF	NKRS C	116
203	02.00	MTWTHF	TECH A	210
111B	COL ALGEBRA TRIG		05.0	CR
	PREREQ	MATH 111A OR MATH 108		
201	09.00	MTWTHF	0834	114A
202	01.00	MTWTHF	0834	114
203	03.00	MTWTHF	TECH A	208
140A	SHORT CRSE-CALCULUS		03.0	CR
	PREREQ	MATH 111A		
201	09.00	M W F	TECH A	220
202	12.00	M W F	TECH A	208
401	03.00-04.50	MT TH	TECH A	222
140B	SHORT CRSE CALCULUS		03.0	CR
	PREREQ	MATH 140A		
201	10.00	M W F	0834	114
501	03.00-04.50	MT TH	TECH A	222
150A	ELEM CALC-ANAL GEOM		05.0	CR
	PREREQ	MATH 111B		
201	08.00	MTWTHF	TECH A	208
202	01.00	MTWTHF	TECH A	220
150B	ELEM CALC-ANAL GEOM		05.0	CR
	PREREQ	MATH 150A		
201	10.00	MTWTHF	TECH A	308
202	02.00	MTWTHF	NKRS C	218
221	INTRO LINEAR ALGEBR		03.0	CR
	PREREQ	150B		
201	01.00	T TH	TECH A	210
	01.00	M	TECH A	308
252A	INTER CALC-ANLY GEO		04.0	CR
	PREREQ	150B OR 159B		
201	10.00	MT THF	TECH A	220
252B	INTER CALC-ANLY GEO		03.0	CR
	PREREQ	252A		
201	11.00	T THF	0834	114
305A	MATH PHYS SCIENCES		03.0	CR
	PREREQ	MATH 252B		
401	09.00	MT THF	TECH A	422
	08.00-09.50	W	TECH A	422
305B	MATH PHYS SCIENCES		03.0	CR
	PREREQ	MATH 305A		
501	09.00	MT THF	TECH A	422
	08.00-09.50	W	TECH A	422
308	STRUCT- REAL NO SYS		03.0	CR
	PREREQ	3 QTR HRS COLLEGE MATH		
301	08.00	MT THF	TECH A	220
302	12.00	TWTHF	TECH A	422
303	02.00	M	TECH A	222
	02.00	TWTH	TECH A	422
309	INTUITIVE GEOMETRY		03.0	CR
301	10.00	MT THF	TECH A	310
302	01.00	TWTH	TECH A	422
	01.00	M	TECH A	408
319	INTR-ABSTRACT ALG		03.0	CR
	PREREQ	MATH 221 OR CONSENT OF DEPT		
301	03.00	WTHF	TECH A	220
	03.00	M	TECH A	210
321	ELEM MATRIX ALGEBRA		03.0	CR
	PREREQ	MATH 140A OR 150A		
201	09.00	M W F	TECH A	222



301	11.00	M WTHF	TECH A	210
501	11.00-12.50	MT TH	TECH A	220
335A	CONCEPTS OF GEOM		03.0 CR	
	PREREQ MATH 221 OR 252A OR CONSENT OF DEPT			
401	10.00	MT THF	TECH A	222
	10.00-11.50	W	TECH A	222
335B	CONCEPTS OF GEOM		03.0 CR	
	PREREQ MATH 335A			
501	10.00	MT THF	TECH A	222
	10.00-11.50	W	TECH A	222
352	INTRO TO ANALYSIS		03.0 CR	
	PREREQ MATH 221 & 252B OR CONSENT OF DEPT			
301	08.00	MT THF	TECH A	222
395	READINGS IN MATH		02.0 TO 12.0 CR	
	PREREQ 4.0 GPA IN MAJ & CONSENT OF CHAIRMAN			
201	TO BE ARRANGED			
419A	ALGEBRAIC STRUCTURE		03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ MATH 319 OR CONSENT OF INSTR			
401	02.00	MT THF	TECH A	320
	02.00-03.50	W	TECH A	222
419B	ALGEBRAIC STRUCTURE		03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ MATH 419A			
501	02.00	MT THF	TECH A	320
	02.00-03.50	W	TECH A	222
421A	LINEAR ALGEBRA		03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ MATH 221 AND 301 OR CONSENT OF DEPT			
301	12.00	MT THF	NKRS A	278
425	THEORY OF NUMBERS		03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ MATH 325 OR CONSENT OF INSTR			
301	11.00	MT THF	TECH A	222
428	DISCRETE STRUCTURES		03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ MATH 301 OR 319 OR CONSENT OF DEPT			
401	12.00-01.50	W	TECH A	308
	01.00	MT THF	TECH A	420
	CROSS-LISTED WITH CS 442			
429	BOOLEAN ALGEBRA		03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ MATH 428 OR CS 442			
501	12.00-01.50	W	TECH A	308
	01.00	MT THF	TECH A	420
	CROSS-LISTED WITH CS 445			
455	COMPLEX VAR & APPL		04.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ MATH 252B			
301	01.00	MTWTHF	TECH D	131
	PLUS 4 HRS TBA			
460	TRANSFORMATION GEOM		04.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ 319 AND 335A, OR CONSENT OF INSTRUCTOR			
301	09.00	MTWTHF	NKRS A	458
	PLUS 4 HRS TBA			
483A	INTRO TO STATISTICS		03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ MATH 252B & 221 OR 321			
401	10.00-11.50	W	TECH A	310
	11.00	MT THF	TECH A	310
483B	INTRO TO STATISTICS		03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ MATH 483A			
501	10.00-11.50	W	TECH A	310
	11.00	MT THF	TECH A	310

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495 SPECIAL TOPICS 01.0 TO 10.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF DEPT CHAIRMAN & INSTR  
 201 TO BE ARRANGED

543 PROB FOR TEACHERS 04.0 CR  
 PREREQ CONSENT OF INSTR

301 10.00 MTWTHF TECH A 322  
 550A SEMINAR IN ALGEBRA 03.0 CR  
 PREREQ CONSENT OF INSTR

301 03.00 MT THF NKRS A 458  
 550C SEMINAR IN ANALYSIS 03.0 CR  
 PREREQ CONSENT OF INSTR

301 02.00 MTW F NKRS A 458  
 550G SEMINAR-TOPOLOGY 03.0 CR  
 PREREQ CONSENT OF INSTR

301 TO BE ARRANGED

550I SEM-DIFFERENTIAL EQ 03.0 CR  
 PREREQ CONSENT OF INSTR

301 TO BE ARRANGED

550J SEM-NUMBER THEORY 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

301 09.00 TWTHF 0834 114  
 595A SP PROJ ALGEBRA 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

595B SP PROJ GEOMETRY 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

595C SP PROJ ANALYSIS 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

595D SP PROJ PROB & STAT 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

595E SP PROJ MATH EDUC 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

595F SP PROJ LOGIC & FOU 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

595G SP PROJ TOPOLOGY 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

595H SP PROJ AP MATH 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

595I SP PROJ DIF EQUAT 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

595J SP PROJ NUMBER THEO 01.0 TO 10.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

599 THESIS 01.0 TO 09.0 CR  
 201 TO BE ARRANGED

600 DISSERTATION 01.0 TO 48.0 CR  
 201 TO BE ARRANGED

#### MEDP Medical Education Preparation

400A MEDPREP SEMINAR 02.0 CR  
 PREREQ RESTR TO MEDPREP STUDENTS OR  
 CONSENT OF INSTR

201 03.00-04.50 T H EC 201

401A MEDPREP TUTORIAL 02.0 CR  
 PREREQ RESTR TO MEDPREP STUDENTS

201 TO BE ARRANGED

202 TO BE ARRANGED

203 TO BE ARRANGED

402D MEDP SPECIAL PROBS 01.0 CR  
 PREREQ RESTR TO MEDP STUDENTS

201 03.00-04.50 TH H EC 201

**MICR Microbiology**

390	UNDERGRAD RES PART	02.0 TO 05.0 CR			
	PREREQ 4.00 GPA IN MICR AND CONSENT OF DEPARTMENT				
201	TO BE ARRANGED				
511	RESEARCH	01.0 TO 15.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
201	TO BE ARRANGED				
528	READINGS IN MICRO	01.0 TO 10.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
201	11.00-12.50	M W F	LS II	130	
599	THESIS	03.0 TO 09.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
201	TO BE ARRANGED				
600	DISSERTATION	03.0 TO 48.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
201	TO BE ARRANGED				

**MKTG Marketing**

300	INTERNSHIP IN MKTG	04.0 CR	-(MANDATORY PASS/FAIL)		
	PREREQ PRIOR APPROVAL OF DEPARTMENT				
201	TO BE ARRANGED				
	ABOVE SECT RESTR TO CONSENT OF DEPT				
301	MKTG FUNDAMENTALS	04.0 CR			
	PREREQ ECON 214, ACCT 251A				
201	08.00	MTWTH	CL	109	ADAMS KENDALL A
202	01.00	MTWTH	CL	109	ADAMS KENDALL A
203	02.00	MTWTH	CL	109	PERRY DONALD
204	03.00	MTWTH	CL	109	PERRY DONALD
303	BEHAVIOR SCI IN BUS	04.0 CR			
	PREREQ GSB 201B,C, GSD 110 OR EQUIV OR CONSENT OF INSTR				
201	08.00	MTWTH	LAWSON	101	JAMES DONALD L
363	PROMOTIONAL CONCEPT	04.0 CR			
	PREREQ MKTG 301				
201	08.00-09.50	M W	0861	101	MOORE JAMES R
390	MKTG RES & ANAL	04.0 CR			
	PREREQ MKTG 301, ONE COURSE IN STATISTICS				
201	10.00	MTWTH	CL	109	ADAMS KENDALL A
401	RETAIL MANAGEMENT	04.0 CR			
	PREREQ 301				
201	11.00	MTWTH	LAWSON	101	JAMES DONALD
438	SALES MANAGEMENT	04.0 CR			
	PREREQ MKTG 363				
201	01.00	MTWTH	CL	328	PERRY DONALD
493	MARKETING POLICIES	04.0 CR			
	PREREQ MKTG 363, 390, PLUS 4 HRS IN MKTG				
201	02.00-03.50	T TH	CL	328	ANDERSEN R CLIFTON

**MUS Music**

001B	SYMPHONIC BAND	01.0 CR			
301	03.00-05.00	M W	ALTG	114	SIENER & KOENIGSTEIN
001C	STAGE BAND	01.0 CR			
	PREREQ CONSENT OF INSTR				
301	10.00-11.30	T TH	ALTG	114	FRANKLIN LAWRENCE
002A	UNIVERSITY CHOIR	01.0 CR			
301	03.00-04.20	M W F	ALTG	115	KINGSBURY ROBERT
010A	CLASS APP-STRINGS	01.0 CR			
	PREREQ CONC OR SEC CONC MUS, ELED, EARLY CHILDHOOD				
301	10.00	M W F	ALTG	114	STRAWN RICHARD G

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010B	CLASS APP-WOODWINDS	01.0 CR				
	PREREQ CONC OR SEC CONC MUS,ELED,EARL Y CHILDHOOD					
301	11.00	M W F	ALTG	114	GUALDONI TOM	
010C	CLASS APP-BRASS	01.0 CR				
	PREREQ CONC OR SEC CONC MUS,ELED,EARL Y CHILDHOOD					
301	09.00	M W F	ALTG	114	NADAF GEORGE	
010D	CLASS APP-PERCUSS	01.0 CR				
	PREREQ CONC OR SEC CONC MUS,ELED,EARL Y CHILDHOOD					
301	08.00	M W F	ALTG	114	JERNSTAD WARREN	
010E	CLASS APP-PIANO	01.0 CR				
	PREREQ CONC OR SEC CONC MUS,ELED,EARL Y CHILDHOOD					
301	09.00	M W F	0555	201	FRAZEE MARJORIE A	
	MM1					
302	10.00	M W F	0555	201	FRAZEE MARJORIE A	
	KP1					
303	11.00	M W F	0555	201	FRAZEE MARJORIE A	
	KP2					

MUS 010E Restr--See note below

010F	CLASS APP-VOICE	01.0 CR				
	PREREQ CONC OR SEC CONC MUS,ELED,EARL Y CHILDHOOD					
301	09.00	M W F	ALTG	115	PRESSLEY DAN	
010G	CLASS APP-GUITAR	01.0 CR				
	PREREQ CONC OR SEC CONC MUS,ELED,EARL Y CHILDHOOD					
301	10.00	M W F	ALTG	301	TRAFIOLO GREG	
302	11.00	M W F	ALTG	301	TRAFIOLO GREG	
105C	THEORY OF MUSIC	04.0 CR				
	PREREQ MUS 105B					
301	08.00	MTWTHF	ALTG	106	HUSSEY GEORGE A	
	09.00	T	ALTG	106		
106	SURVEY OF MUS LIT	03.0 CR				
	PREREQ MAJOR/MINOR IN MUSIC					
301	12.00	MT THF	ALTG	116	FLOYD SAMUEL	

Students enrolling in MUS 010E, 010G, or the 140, 240, 340, 440, or 540 series must present a restricted class permit slip from the Music Advisor when registering. The "TO BE ARRANGED" meeting time of the MUS 140, 240, 340, 440, and 540 series refers to a half-hour individual lesson that each student will arrange with his instructor.

140A	PRIV APP MUS-VIOLIN	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR CONSENT OF MUS FACULTY					
301	TO BE ARRANGED				POULOS HELEN E	
302	TO BE ARRANGED				STRAWN RICHARD G	
140B	PRIV APP MUS-VIOLA	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR CONSENT OF MUS FACULTY					
301	TO BE ARRANGED				STRAWN RICHARD G	
140C	PRIV APP MUS-CELLO	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR CONSENT OF MUS FACULTY					
301	TO BE ARRANGED				STROUD JAMES H	
140D	PRIV APP MUS - BASS	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR CONSENT OF MUS FACULTY					
301	TO BE ARRANGED				STROUD JAMES H	
140E	PRIV APP MUS-FLUTE	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECCNDARY CONC OR CONSENT OF MUS FACULTY					
301	TO BE ARRANGED				UNDERWOOD JERVIS	
140F	PRIV APP MUS-OBOE	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR CONSENT OF MUS FACULTY					

301	TO BE ARRANGED					HUSSEY GEORGE A
140G	PRIV APP MUS-CLAR	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					UNDERWOOD JERVIS
140H	PRIV APP MUS-BASSON	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					INTRAVAIA LAWRENCE J
140I	PRIV APP MUS-SAX	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					HUSSEY GEORGE
140J	PRIV APP MUS-PERCUS	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					HANES MICHAEL D
140K	PRIV APP MUS-PIANO	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					BARWICK STEVEN
302	TO BE ARRANGED					FRAZEE MARJORIE
303	TO BE ARRANGED					WERNER WARREN KENT
140L	PRIV APP MUS-F HORN	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					NADAF GEORGE
140M	PRIV APP MUS-TRUMP	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					FRANKLIN LAWRENCE L
140N	PRIV APP MUS-TRBONE	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					STIMAN HAROLD E
140O	PRIV APP MUS-TUBA	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					STIMAN HAROLD E
140P	PRIV APP MUS-BATONE	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					STIMAN HAROLD E
140Q	PRIV APP MUS-VOICE	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					KAGEFF BURT KEITH
302	TO BE ARRANGED					PRESSLEY DAN
303	TO BE ARRANGED					WALLACE MARY
140R	PRIV APP MUS-ORGAN	01.0 TO 04.0 CR				
	PREREQ MUS CONC OR SECONDARY CONC OR					
	CONSENT OF MUS FACULTY					
301	TO BE ARRANGED					BATEMAN MARY ANN
200	FUNDAMENTALS-MUSIC	03.0 CR				
	PREREQ FOR NON-MUSIC MAJORS					
301	09.00	M W F	ALTG	248		DAUGHERTY ELZA
	09.00	T	0555	201		DAUGHERTY
302	09.00	M W F	ALTG	248		DAUGHERTY
	09.00	TH	0555	201		DAUGHERTY
303	10.00	M W F	ALTG	248		POULOS
	10.00	T	0555	201		POULOS
304	10.00	M W F	ALTG	248		POULOS
	10.00	TH	0555	201		POULOS

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101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

305	01.00	M W F	ALTG	248	TAYLOR
	01.00	T	0555	201	TAYLOR
306	01.00	M W F	ALTG	248	TAYLOR
	01.00	TH	0555	201	TAYLOR
205C	THEORY OF MUSIC				04.0 CR
	PREREQ MUS 205B				
301	08.00	MTWTHF	ALTG	115	OLDFIELD ALAN
	09.00	T	ALTG	115	
240	PRIV APP MUS				01.0 TO 04.0 CR
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT				
See MUS 140 for listing.					
300B	EL METH-NON MAJ 4-6				03.0 CR
	PREREQ MUS 200-3 OR EQUIV				
301	12.00	MT THF	ALTG	248	DAUGHERTY ELZA
300C	EL METH-NON MAJ K-3				03.0 CR
	PREREQ MUS 010E-3 OR EQUIV				
301	11.00	MT THF	ALTG	248	DAUGHERTY ELZA
305I	INSTRUMENTAL PROB				03.0 CR
301	12.00	MT THF	ALTG	106	KOENIGSTEIN NICK
309A	ARRANGING				02.0 CR
	PREREQ 105C				
301	10.00	M W F	ALTG	116	KOENIGSTEIN NICK
312	COMPOSITION				02.0 TO 06.0 CR
	PREREQ MUS 105C AND CONSENT OF INSTR				
301	TO BE ARRANGED				OLDFIELD WILLARD A
318A	CONDUCTING				02.0 CR
301	01.00	M W F	ALTG	106	STRAWN RICHARD
318C	CONDUCTING				02.0 CR
	PREREQ 318A				
301	01.00	M W F	ALTG	115	KINGSBURY ROBERT
331	JAZZ IMPROVISATION				02.0 CR
	PREREQ MUS 205C OR AUDITION				
301	10.00	M W F	0555	7	STIMAN GENE
340	PRIV APP MUS				01.0 TO 04.0 CR
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT				
See MUS 140 for listing.					
346	OPERA WORKSHOP				02.0 TO 36.0 CR
401	TO BE ARRANGED				LAWRENCE MARJORIE
	MEETS IN ARKANSAS JUNE 19 - JULY 29				
347	MUSIC THEATRE WKSHP				02.0 TO 36.0 CR
301	09.00-12.50	MTWTHF	COMM	1037	WALLACE MARY ELAINE
	07.00-10.00 PM	MTWTHF	COMM	1037	WALLACE & HANES
357A	MUS HIST & LIT				03.0 CR
	PREREQ MUS 105C, 106, AND JR STANDING				
301	09.00	MTWTHF	ALTG	116	POULOS HELEN
365B	CHAMBER MUS-STRING				01.0 CR
301	03.00-04.50	M TH	ALTG	114	STRAWN & STROUD
370	AM FOLK MUSIC				03.0 CR
301	10.00	M WTHF	LAWSON	131	EDDINS JOHN
411A	SYMPHONIC LIT				03.0 CR
301	09.00	MT THF	0555	7	STROUD JAMES
411B	CHORAL LITERATURE				03.0 CR
301	10.00	MT THF	ALTG	115	KINGSBURY
411E	ORGAN LITERATURE				03.0 CR
	PREREQ MUS 357A,B,C OR CONSENT OF INSTR				
301	08.00	MT THF	0555	101	BATEMAN MARIANNE
420	MUS EDUC PRACTICUM				01.0 TO 03.0 CR
301	08.00-10.50	MTWTHF	ALTG	109	MALONE WOODROW
	ABOVE SECT MEETS JULY 16-27				
440	PRIV APP MUS				01.0 TO 04.0 CR
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT				
See MUS 140 for listing.					



441A	COUNTERPOINT			02.0 CR	
	PREREQ	105C			
301	11.00	M W F	ALTG	116	WERNER KENT
444	INTERMEDIATE COMP			02.0 TO 06.0 CR	
	PREREQ	312-6			
301	TO BE ARRANGED				OLDFIELD WILLARD A
451	TEACH GEN CLASS MUS			02.0 TO 03.0 CR	
301	12.00	MT THF	0555	7	TAYLOR CHARLES C
454	INSTRUM MAT & TECH			02.0 TO 06.0 CR	
	PREREQ	CONSENT OF INSTR			
401	01.00-05.00	MTWTHFS	ALTG	114	SIENER MELVIN
	ABOVE SECT MEETS JUNE 18-29				
456A	MUS- EXCEPT CHILD			03.0 CR	
	PREREQ	MUS 302A OR CONSENT OF INSTR			
101	08.00-05.00	MTWTHFS	WHAM	105	MCHUGH CATHERINE
	ABOVE SECT MEETS JUNE 10 - 16				
461	TEACH TECH AND MAT			02.0 CR	
301	TO BE ARRANGED				KAGEFF BURT KEITH
481	READINGS IN THEORY			01.0 TO 06.0 CR	
301	TO BE ARRANGED				WERNER WARREN KENT
482	READ IN HIST & LIT			01.0 TO 06.0 CR	
301	TO BE ARRANGED				BOE JOHN M
483	READ IN MUS EDUC			01.0 TO 06.0 CR	
301	TO BE ARRANGED				INTRAVAIA LAWRENCE
499	INDEPENDENT STUDY			01.0 TO 12.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
301	TO BE ARRANGED				GORDON RODERICK D
302	TO BE ARRANGED				OLDFIELD ALAN
501	INT GRAD ST IN MUS			03.0 CR	
301	01.00-02.50	M W	LIB	217	BOE JOHN M
502B	ANALYTIC TECHNIQUES			02.0 CR	
	PREREQ	MUS 502A			
301	12.00	M W F	ALTG	115	WERNER WARREN KENT
503	MUSIC ED RESEARCH			03.0 TO 04.0 CR	
301	10.00-11.50	M W	ALTG	106	GORDON RODERICK D
504B	RENAISSANCE MUSIC			03.0 CR	
301	10.00-11.50	T TH	ALTG	106	BARWICK STEVEN
531	ADV COMPOSITION			02.0 TO 09.0 CR	
	PREREQ	444-6			
301	TO BE ARRANGED				OLDFIELD WILLARD A
540	PRIV APP MUS			01.0 TO 04.0 CR	
	PREREQ	3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT			

See MUS 140 for listing.

550	ADMIN & SUPERVISION			03.0 CR	
301	09.00	MTWTHF	ALTG	106	HOUSE ROBERT
556	ADV CONDUCTING			02.0 TO 06.0 CR	
301	TO BE ARRANGED				SIENER MELVIN L
302	TO BE ARRANGED				KINGSBURY ROBERT W
303	TO BE ARRANGED				STROUD JAMES H
566	INST ENSEMBLE			01.0 TO 12.0 CR	
301	TO BE ARRANGED				SIENER MELVIN L
302	TO BE ARRANGED				STROUD JAMES H
567	VOCAL ENSEMBLE			01.0 TO 12.0 CR	
301	TO BE ARRANGED				KINGSBURY ROBERT
568	OPERA WORKSHOP			02.0 TO 12.0 CR	
301	TO BE ARRANGED				
401	TO BE ARRANGED				LAWRENCE MARJORIE
	MEETS IN ARKANSAS JUNE 19-JULY 29				
595	MUSIC DOCUMENT			01.0 TO 09.0 CR	
201	TO BE ARRANGED				GORDON

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598	GRADUATE RECITAL		06.0 CR		
201	TO BE ARRANGED				GORDON RODERICK D
599	THESIS		03.0 TO 09.0 CR		
201	TO BE ARRANGED				GORDON RODERICK D
<b>OE Occupational Education</b>					
201A	COMMUNICATIONS		04.0 CR	-(ELECTIVE PASS/FAIL)	
201	09.00	MTWTH	PULL I	14	HUCK JOHN
302	CONSTR MTDS PRI TCH		04.0 CR		
201	11.00-01.50	M W	PULL I	14	
	01.00	T	PULL I	14	
202	11.00-01.50	T TH	PULL I	14	
	01.00	W	PULL I	14	
303	DIVERSIFIED CRAFTS		04.0 CR		
201	08.00-10.50	M W	PULL I	14	JENKINS JAMES
	10.00	T	PULL I	14	JENKINS JAMES
202	08.00-10.50	T TH	PULL I	14	JENKINS JAMES
	10.00	W	PULL I	14	JENKINS JAMES
319	OCCUPAT INTERNSHIP		03.0 TO 24.0 CR		
201	TO BE ARRANGED				BITTLE RAYMOND E
202	TO BE ARRANGED				BITTLE RAYMOND E
203	TO BE ARRANGED				BITTLE RAYMOND E
204	TO BE ARRANGED				BITTLE RAYMOND E
205	TO BE ARRANGED				BITTLE RAYMOND E
419	STU TCH IN OCC PROG		04.0 TO 16.0 CR		
	PREREQ OE 319-12, 490				
201	TO BE ARRANGED				HUCK JOHN F
420A	ENTRPRS-MAN-MACH SY		04.0 CR		
	PREREQ 20 HRS IN OE				
201	11.00	M W	TECH A	320	NYSTROM DENNIS C
	11.00-12.50	F	TECH A	320	NYSTROM DENNIS C
420B	ENTRPRS-MAN-MACH SY		04.0 CR		
	PREREQ OE 420A				
501	10.00-11.50	MTWTH	TECH A	420	HUCK JOHN F
425	PRACTICUM		02.0 TO 12.0 CR		
	PREREQ 20 HRS IN SPECIALTY				
201	TO BE ARRANGED				BITTLE RAYMOND E
430	SPECIAL PROBLEMS		02.0 TO 08.0 CR		
	PREREQ CONSENT OF INSTR AND CO-ORDINATOR				
201	TO BE ARRANGED				BAILEY LARRY J
485	PRIN-PHIL VO TEC ED		03.0 CR		
601	09.00-10.50	MTWTHF	TECH A	221	RAMP WAYNE S
	ABOVE SEC-JUNE 25-JULY 13,X-LISTED WITH AG I,HEED,SEC				
488	ANAL FOR OCCUP ED		03.0 CR		
	PREREQ 12 HRS IN TEACHING SPECIALITY				
301	12.00	MTWTH	TECH A	320	BORTZ RICHARD F
489	ORG OF SUBJ MATTER		03.0 CR		
	PREREQ OE 488				
301	03.00	MTWTH	TECH A	320	SULLIVAN JAMES A
490	PRIN OCCUP TEACH		03.0 CR		
	PREREQ 12 HRS IN TEACHING SPECIALITY				
301	11.00	MTWTH	TECH D	130	WEISMAN LAWRENCE
493	AV MEDIA FOR OCC ED		03.0 CR		
301	02.00	MTWTHF	TECH D	130	SHIELDS BILL J
500A	LEG ORG & AD OCC ED		04.0 CR		
301	02.00	MTWTHF	TECH A	420	NYSTROM DENNIS C
500B	LEG ORG & AD OCC ED		04.0 CR		
501	10.00-11.50	MTWTHF	TECH A	208	NYSTROM DENNIS C
502	EVAL-OCCUP ED PROG		04.0 CR		
301	01.00	MTWTHF	TECH D	130	BAILEY LARRY J
505	AD & SUPERVIS OC ED		04.0 CR		
301	09.00	MTWTHF	TECH A	320	BITTLE RAYMOND E
510	PLAN OE FACILITIES		04.0 CR		
401	10.00-11.50	MTWTHF	TECH A	420	
525	COOP VOC-TECH ED		04.0 CR		
601	11.00-12.50	MTWTHF	TECH A	220	SULLIVAN JAMES A
	ABOVE SEC-JUNE 25-JULY 13				

540	RES IN OCC ED	04.0	CR		
301	03.00	MTWTHF	TECH A	420	ERICKSON JOHN H
541	OCCUP INFO AND GUID	04.0	CR		
301	12.00	MTWTHF	TECH A	420	RAMP WAYNE S
	CROSSLISTED WITH GUID 541				
560	NEW DEVEL-OCCUP ED	02.0	TO 12.0	CR	
301	10.00	MTWTHF	TECH A	320	
	01.00	MTWTHF	TECH A	320	
	ABOVE SECT-JUNE 18-29				
302	10.00	MTWTHF	TECH A	320	
	01.00	MTWTHF	TECH A	320	
	ABOVE SECT-JULY 2-13				
303	10.00	MTWTHF	TECH A	320	
	01.00	MTWTHF	TECH A	320	
	ABOVE SECT-JULY 16-27				
304	10.00	MTWTHF	TECH A	320	
	01.00	MTWTHF	TECH A	320	
	ABOVE SECT-JULY 30-AUG 10,X-LISTED WITH S ED 560				
570	SPECIAL INVESTIGAT	02.0	TO 06.0	CR	
201	TO BE ARRANGED				BAILEY LARRY J
580	SEMINAR	04.0	CR		
601	01.00-02.50	MTWTHF	TECH A	208	STADT RONALD W
	TOPIC ABOVE SECT-CAREER ED				
701	01.00-02.50	MTWTHF	TECH A	208	
	TOPIC ABOVE SECT-ISSUES IN OCC ED				
599	THESIS	01.0	TO 09.0	CR	
201	TO BE ARRANGED				BAILEY LARRY

## PEM Physical Education for Men

See GSE for elective Physical Education courses.

100H	M TEACH BASKETBALL	02.0	CR		
201	09.00	MTWTH	ARENA	555	
100M	M TEACH WRESTLING	02.0	CR		
301	08.00	MTWTHF	ARENA	555	
220	REC ACT OUTDOOR	01.0	CR		
301	10.00	MTWTH	ARENA	555	
221	REC ACT INDOOR	01.0	CR		
301	11.00	MTWTH	ARENA	555	
315	SCUBA DIVING	02.0	CR		
	PREREQ GSE 101B OR CONSENT OF INSTR				
101	TO BE ARRANGED				CARROLL PETERJ
	ABOVE SECT JUNE 8-15 RESTR TO INSTR				
	CONSENT				
341	PRIN OF P E	03.0	CR		
	PREREQ PEM 303B,320				
301	09.00	MTWTH	ARENA	125	
345A	OFFIC FALL SPTS	01.0	CR		
401	12.00	MT TH	TECH A	308	WILKINSON JAMES J
	12.00	W	TECH A	210	
350	M-M TEACH PE EL SCH	03.0	CR		
301	12.00	MTWTHF	ARENA	125	FRANKLIN CECIL C
355A	ASSISTING TECHNIQUE	02.0	CR		
	PREREQ JR YR & CONSENT OF INSTR				
401	06.00-08.00 PM M		ARENA	125	WILKINSON JAMES
	ABOVE SECT 1 HR TBA				
370	TESTS MEAS PHY ED	04.0	CR		
301	08.00	MTWTHF	ARENA	123	FRANKLIN CECIL C
404	TEACHING OF SPORTS	02.0	TO 04.0	CR	
601	01.00-03.50	MTWTHF	ARENA	125	WILKINSON & LAMBERT
	ABOVE SECT JUNE 18-29 BASKETBALL				
407	ADV TH&TECH-ATH INJ	02.0	CR		

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601	01.00-02.50	MTWTHF	ARENA	125	SPACKMAN ROBERT R JR
	ABOVE SECT MEETS JULY 2-13				
420	EFFECTS MOTOR ACTIV		04.0	CR	
	PREREQ	GSA 209			
301	11.00	MTWTHF	ARENA	125	KNOWLTON RONALD G
475A	IND RES-DANCE		02.0	TO 04.0	CR
301	TO BE ARRANGED				
475B	IND RES-KINESIOLOGY		02.0	TO 04.0	CR
301	TO BE ARRANGED				
475C	IND RES-MEASUREMENT		02.0	TO 04.0	CR
301	TO BE ARRANGED				
475D	IND RES-MOTOR DEVEL		02.0	TO 04.0	CR
301	TO BE ARRANGED				
475E	IND RES-PHSL OF EX		02.0	TO 04.0	CR
301	TO BE ARRANGED				
475F	IND RES-HIST & PHIL		02.0	TO 04.0	CR
301	TO BE ARRANGED				
500	TECH RESEARCH		04.0	CR	
301	08.00	MTWTHF	ARENA	125	KNOWLTON RONALD G
504	RESEARCH PROJECTS		04.0	CR	
	PREREQ	500 OR EQUIV			
301	TO BE ARRANGED				
513	MOTOR LRNG-PHY SKIL		04.0	CR	
	PREREQ	GRAD STATUS, CONSENT OF INSTR			
301	09.00	MTWTHF	GYM	203	ZIMMERMAN HELEN
517	ATH & PE FACILITY		04.0	CR	
	PREREQ	PEM 353 OR 354 OR EQUIV			
101	TO BE ARRANGED				
525	READING IN P E		01.0	TO 06.0	CR
301	TO BE ARRANGED				
599	THESIS		01.0	TO 09.0	CR
	PREREQ	PEM 500 OR EQUIV			
301	TO BE ARRANGED				
600	DISSERTATION		02.0	TO 48.0	CR
	PREREQ	PEM 500 OR EQUIV			
301	TO BE ARRANGED				

## PEW Physical Education for Women

See GSE for elective Physical Education courses.

210	MOTOR LEARNING		02.0	CR	
	PREREQ	SOPH STANDING			
301	02.00-03.30	T TH	GYM	204	ZIMMERMAN HELEN
303	KINESIOLOGY		04.0	CR	
	PREREQ	ANATOMY			
301	10.00	MTWTHF	GYM	204	THORPE JOANNE LEE
304E	METHOD-TEACH SPORTS		02.0	CR	
	PREREQ	PEW 115M AND 210			
301	01.00-02.30	M W F	GYM	207	COTTEN SARAH ELLEN
319	TCHG ELEM SCH ACT		04.0	CR	
	PREREQ	PSYC 301 OR GUID 305			
301	09.00	MTWTHF	GYM	208	
302	10.00	MTWTHF	GYM	208	
303	11.00	MTWTHF	GYM	207	
304	12.00	MTWTHF	GYM	207	
351	PE-SPECIAL STUDENTS		02.0	CR	
301	12.00	MTWTHF	GYM	204	COTTEN SARAH ELLEN
353	ORGAN & ADMIN OF PE		04.0	CR	
	PREREQ	PEW 354			
301	08.00	MTWTHF	GYM	204	DAVIES DOROTHY R
355	METHOD-TEACH SWIM		03.0	TO 04.0	CR
	PREREQ	PEW 210			
301	09.00	MTWTH	PULL P	61	BLACKMAN CLAUDIA JO
404	TEACHING OF SPORTS		02.0	TO 04.0	CR
601	01.00-03.50	MTWTHF	ARENA	125	
	ABOVE SECTION-JUNE 18-29				
407	ADV TH&TECH-ATH INJ		02.0	TO 04.0	CR
601	01.00-02.50	MTWTHF	ARENA	125	SPACKMAN ROBERT R JR
	ABOVE SECTION-JULY 2-13 CROSS-LISTED WITH PEM 407				

420	EFFECTS MOTOR ACTIV	04.0 CR			
	PREREQ GSA 301				
301	11.00 MTWTHF ARENA 125	KNOWLTON RONALD G			
	CROSS-LISTED WITH PEM 420				
444	CONTEMP DANCE WKSHP 02.0 TO 08.0 CR-(MANDATORY PASS/FAIL)				
	PREREQ 1 YR OF TECHNIQUE AND THEORY O				
	R EQUIV				
401	01.00-05.00 TWTHF PULL 42	GORDON LONNY J			
	CROSSLISTED THEA 444				
475A	IND RES-DANCE 02.0 TO 04.0 CR				
201	TO BE ARRANGED				
475B	IND RES-KINESIOLOGY 02.0 TO 04.0 CR				
201	TO BE ARRANGED	THORPE JOANNE			
475C	IND RES-MEASUREMENT 02.0 TO 04.0 CR				
201	TO BE ARRANGED				
475E	IND RES-PHSL OF EX 02.0 TO 04.0 CR				
201	TO BE ARRANGED	KNOWLTON RONALD G			
475F	IND RES-HIST & PHIL 02.0 TO 04.0 CR				
201	TO BE ARRANGED	SHEA EDWARD J			
500	TECH OF RESEARCH 04.0 CR				
	PREREQ PEW 400 OR CONCURRENT ENRIN				
	PEW 400				
301	08.00 MTWTHF GYM 203				
504	RESEARCH PROJECTS 04.0 CR				
	PREREQ 500 OR EQUIV				
301	TO BE ARRANGED	THORPE JOANNELEE			
513	MOTOR LRNG-PHY SKIL 04.0 CR				
	PREREQ GRAD STUDENT & CONSENT OF				
	INSTR				
301	09.00 MTWTHF GYM 204	ZIMMERMAN HELEN			
517	ATH & PE FACILITY 04.0 CR				
	PREREQ PEW 353 OR 354 OR EQUIV				
101	TO BE ARRANGED				
525	READINGS 01.0 TO 06.0 CR				
	PREREQ CONSENT OF INSTR AND DEPT				
	CHAIRMAN				
301	TO BE ARRANGED	THORPE JOANNELEE			
599	THESIS 01.0 TO 09.0 CR				
	PREREQ PEW 500 OR EQUIV				
201	TO BE ARRANGED				
600	DISSERTATION 02.0 TO 48.0 CR				
	PREREQ PEW 500 OR EQUIV				
201	TO BE ARRANGED	THORPE JOANNELEE			
<b>PHIL Philosophy</b>					
320	DEDUCTIVE LOGIC 04.0 CR -(ELECTIVE PASS/FAIL)				
201	01.00 MTWTH H EC 201	CLARKE DAVID S			
355	PHILOSOPHY OF EDUC 04.0 CR -(ELECTIVE PASS/FAIL)				
201	11.00 MTWTH H EC 201	MOORE WILLIS			
	CROSS LISTED WITH EDAF 355 SECT 6				
381	GREEK PHILOSOPHY 03.0 CR -(ELECTIVE PASS/FAIL)				
401	09.00 MTWTHF H EC 201	PLOCHMANN GEORGE K			
	02.00 M H EC 102	PLOCHMANN GEORGE K			
383	EARLY MODERN PHIL 03.0 CR -(ELECTIVE PASS/FAIL)				
501	09.00 MTWTHF H EC 201	LIU,SHU-HSIEN			
	02.00 M H EC 102				
441	PHIL OF POLITICS 04.0 CR -(ELECTIVE PASS/FAIL)				
	PREREQ GSC 102 OR PHIL 340 OR CONSENT				
	OF INS				
201	02.00 MTWTH H EC 201	DIEFENBECK JAMES A			
490	SPECIAL PROBLEMS 02.0 TO 12.0 CR-(ELECTIVE PASS/FAIL)				
	PREREQ CONSENT OF INST REQ IN ALL				
	CASES				

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201	TO BE ARRANGED					HAHN LEWIS E
202	03.00-05.30	T	H EC	211		LIU,SHU-HSIEN
ABOVE SECTION-JASPERS						
500	METAPHYSICS			04.0 CR		
201	03.00-05.30	TH	H EC	211		HOWIE JOHN
515	THEORY OF NATURE			04.0 CR		
201	03.00-05.30	M	H EC	211		DIEFENBECK JAMES A
531	WHITEHEAD			04.0 CR		
201	03.00-05.30	W	H EC	211		MCCLURE GEORGE T
590	GEN GRAD SEMINAR		02.0 TO 16.0 CR			
201	TO BE ARRANGED					HAHN LEWIS EDWIN
591	READINGS IN PHIL		01.0 TO 05.0 CR			
	PREREQ	CONSENT OF INSTR				
201	TO BE ARRANGED					HAHN LEWIS EDWIN
599	THESIS		02.0 TO 09.0 CR			
201	TO BE ARRANGED					HAHN LEWIS EDWIN
600	DISSERTATION		03.0 TO 48.0 CR			
201	TO BE ARRANGED					HAHN LEWIS EDWIN

### PHSL Physiology

300B	HUMAN ANATOMY			05.0 CR		
201	08.00	MTWTH	LS II	146		BROWN PAT
	09.00-10.50	TH	LS I	130		BROWN PAT
414	PHYSIOL OF SPEECH			04.0 CR		
	PREREQ	CONSENT OF INSTR	REQUIRED FOR			
		GRAD STUDENTS				
301	08.00	M W F	LS I	113		KAPLAN HAROLD M
	08.00-09.50	T	LS I	113		KAPLAN HAROLD M
450	SPECIAL PROBLEMS		01.0 TO 16.0 CR			
	PREREQ	CONSENT OF DEPARTMENT				
201	02.00-03.50	MTWTH	LS I	111		
521	READ OR SP PROBS		01.0 TO 04.0 CR			
	PREREQ	CONSENT OF DEPT				
201	TO BE ARRANGED					
560	SPECIAL RESEARCH		02.0 TO 12.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR				
201	TO BE ARRANGED					
599	THESIS RESEARCH		01.0 TO 09.0 CR			
201	02.00-03.50	MTWTHF	LS I	113		
600	DOCTORAL DISS RES		01.0 TO 48.0 CR			
201	02.00-03.50	MTWTHF	LS I	113		

### PHYS Physics and Astronomy

206A	COLLEGE PHYSICS			03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	MATH 111B				
201	09.00	M W F	PARK	308		JOHNSON KENNETH W
	09.00	TH	PARK	308		
202	09.00	M W F	PARK	308		JOHNSON KENNETH W
	09.00	T	PARK	308		
206B	COLLEGE PHYSICS			03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	PHYS 206A				
201	12.00	M W F	PARK	308		BRUBER BRUNO J
	12.00	TH	PARK	308		BEERS BRIAN L
202	12.00	M W F	PARK	308		GRUBER BRUNO J
	12.00	T	PARK	308		
206C	COLLEGE PHYSICS			03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	PHYS 206A				
201	10.00	M W F	PARK	309		SAPOROSCHENKO MYKOLA
	10.00	T	PARK	309		SAPOROSCHENKO MYKOLA
202	10.00	M W F	PARK	309		SAPOROSCHENKO MYKOLA
	10.00	TH	PARK	309		SAPOROSCHENKO MYKOLA
207A	COLLEGE PHYS LAB			01.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	CONCURRENT ENR IN PHYS 206				
201	09.00-11.50	T	NKRS C	403		
202	01.00-03.50	TH	NKRS C	403		
207B	COLLEGE PHYS LAB			01.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	CONCURRENT ENR IN PHYS 206				
201	01.00-03.50	T	NKRS C	405		
202	01.00-03.50	TH	NKRS C	405		



207C	COLLEGE PHYS LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENR IN PHYS 206	
201	08.00-10.50 TH	NKRS C 407
202	08.00-10.50 T	NKRS C 407
211A	UNIVERSITY PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 150B OR CONC ENROLLMENT	
201	11.00 M W F	PARK 308 ZITTER ROBERT N
	11.00 T	PARK 308 ZITTER ROBERT N
211B	UNIVERSITY PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 211A	
201	12.00 M W F	PARK 309 CUTNELL JOHN D
	12.00 TH	PARK 309 CUTNELL JOHN D
211C	UNIVERSITY PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 211A	
201	10.00 M W F	PARK 308 BORST WALTER L
	10.00 T	PARK 308 BORST WALTER L
212A	UNIVERSITY PHYS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENRL IN PHYS 211	
201	09.00-11.50 TH	NKRS C 403
212B	UNIVERSITY PHYS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENRL IN PHYS 211	
201	09.00-11.50 T	NKRS C 405
212C	UNIVERSITY PHYS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENRL IN PHYS 211	
201	01.00-03.50 W	NKRS C 407
300	INTRO MODERN PHYS	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 111 OR 206 OR 211	
201	10.00 MT F	NKRS C 410 NICKELL WM E
	11.00 T	NKRS C 410 NICKELL WM E
	01.00-03.50 TH	NKRS C 404 WALKER RONALD
302	ASTRONOMY - HONORS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 150B & ONE-A101, PHYS 111A	
	.206A, 211A OR CONSENT	
201	11.00 M W F	NKRS C 410 BEERS BRIAN L
304	THERMODYNAMICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 111B, 206B OR 211B AND MATH 25	
	2B	
201	10.00 M W F	NKRS A 156 CUTNELL JOHN D
309	ELECTRIC CIRCUITS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 111C OR 206C OR 211C	
201	01.00 M W F	NKRS C 410 SAPOROSCHENKO MYKOLA
310	LIGHT	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 111B OR 206B OR 211B	
201	02.00 M W F	NKRS A 160
311	OPTICS LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 310 CR CONCURRENT ENR IN	
	PHYS 310	
201	TO BE ARRANGED	
312	ELEC CIRC LAB	02.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 309 OR CONC ENROLLMENT	
201	TO BE ARRANGED	WATSON RICHARD ELVIS
405	ELECTRONICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 305 AND 309 OR CONSENT OF	
	INSTR	
201	10.00 M W F	NKRS A 458
415A	MODERN PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 407, PHYS 301 & 305 OR	
	CONSENT OF INSTR	
201	12.00 M W F	NKRS A 458 SCHLECHT RICHARD G
415C	MODERN PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 415B	
201	09.00 M W F	NKRS C 410 SCHLECHT RICHARD G

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415D MODERN PHYSICS 03.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ MATH 407, PHYS 301 & 305 OR  
 CONSENT OF INSTR

201 11.00 M W F NKRS A 458 BORST WALTER L

420 SPECIAL PROJECTS I 02.0 TO 05.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ PHYS 301 AND 305

201 TO BE ARRANGED

510C CLASSICAL MECHANICS 03.0 CR  
 PREREQ PHYS 510B

201 10.00 M W F TECH B 20 ZITTER ROBERT N

520 SPECIAL PROJECTS 02.0 TO 05.0 CR  
 PREREQ CONSENT OF INSTR

201 TO BE ARRANGED

532A ADV QUANTUM MECH 03.0 CR  
 PREREQ PHYS 531 AND CONSENT OF INSTR

201 TO BE ARRANGED HENNEBERGER W C

575 GRAD SEMINAR 01.0 TO 04.0 CR

201 02.00 M W F NKRS C 410 GRUBER BRUNO J

580 SEL TOPICS PHYS 03.0 TO 06.0 CR

201 12.00 M W F NKRS C 410 NICKLE HARRY H

592 COLLOQUY IN MOL SCI 01.0 CR

201 04.00-05.30 M NKRS B 440 HENNEBERGER W C

597 SPEC TOPICS-MOL SCI 03.0 TO 45.0 CR  
 PREREQ ADMISSION TO MOL SCI DOCTORAL  
 PROG & CONSENT OF INST

201 11.00-12.30 T TH TECH B 20 HUANG HUEY WEN

598 SPEC PROJ-MOL SCI 03.0 TO 25.0 CR  
 PREREQ ADMISSION TO MOL SCI DOCTORAL  
 PROG & CONSENT OF INST

201 TO BE ARRANGED

600 DISSERTATION 01.0 TO 48.0 CR  
 PREREQ ADMISSION TO ADVANCED STUDY IN  
 MOLECULAR SCIENCE

201 TO BE ARRANGED

#### PL I Plant Industries

109 PRIN-FIELD CROP PRO 04.0 CR -(ELECTIVE PASS/FAIL)  
 201 09.00 M W F AG 154 ELKINS DONALD M  
 10.00-11.50 T AG 171

264 GEN HORTICULTURE 04.0 CR -(ELECTIVE PASS/FAIL)  
 201 10.00 M W F AG 166 HILLYER IRVIN G  
 08.00-09.50 TH AG 181

202 10.00 M W F AG 166 HILLYER IRVIN G  
 10.00-11.50 TH AG 181

306A SOIL & WATER CONSER 03.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ PL I 301

201 08.00 M W F AG 214 JONES JOE

CROSSLISTED WITH AG I 306A

359 INTERN PROGRAM 03.0 TO 05.0 CR  
 PREREQ JR STANDING

201 TO BE ARRANGED COORTS GERALD D

390 SPEC STUD PLANTS 01.0 TO 06.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN

201 TO BE ARRANGED COORTS GERALD D

407A SOIL FERTILITY 03.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ONE COURSE IN SOILS

201 11.00 M W F AG 214 SATCHELL D P

407B SOIL FERTILITY-LAB 02.0 CR  
 PREREQ PL I 407A OR CONSENT OF DEPT

201 10.00-12.50 TH AG 167 SATCHELL D P

520 READINGS 01.0 TO 06.0 CR  
 PREREQ CONSENT OF DEPT

201 TO BE ARRANGED COORTS GERALD D

575 RESEARCH 01.0 TO 06.0 CR  
 PREREQ CONSENT OF DEPT

201 TO BE ARRANGED COORTS GERALD D

588 INTERNAT GRAD STUDY 01.0 TO 12.0 CR  
 PREREQ CONSENT OF DEPT

201 TO BE ARRANGED COORTS GERALD D

590	SPEC STUDIES-PL I	01.0 TO 04.0 CR	
201	TO BE ARRANGED		COORTS GERALD D
599	THESIS	01.0 TO 09.0 CR	
201	TO BE ARRANGED		COORTS GERALD D

**PORT Portuguese**

135A	PORT CONVERSATION	01.0 CR
	PREREQ CONCURRENT GSC 135A	
601	TO BE ARRANGED	
	ABOVE SECTION-JUNE 18-JULY 11	
135B	PORT CONVERSATION	01.0 CR
	PREREQ CONCURRENT GSC 135B	
301	TO BE ARRANGED	
	ABOVE SECTION-JULY 11-AUGUST 2	
135C	PORT CONVERSATION	01.0 CR
	PREREQ CONCURRENT GSC 135C	
501	TO BE ARRANGED	
	ABOVE SECTION-AUGUST 2-24	

**PR S Presidents Scholars**

251A	HONORS SEMINAR	01.0 TO 12.0 CR
701	TO BE ARRANGED	
	INSTRS-PETERSEN, GAFFNEY, YAMBERT MEETS	
	7/30-8/24	
399	HONORS PROJECT	02.0 TO 15.0 CR
	PREREQ CONSENT OF PR S PROGRAM	
201	TO BE ARRANGED	
202	TO BE ARRANGED	
499	UNDERGRAD HON THES	03.0 TO 09.0 CR
	PREREQ APPROVAL OF PRES SCHOL PROG &	
	DEPTS CONCERNED	
201	TO BE ARRANGED	

All other seminars during the Summer Quarter will be conducted in Europe.  
Contact the President's Scholar Program for information. Registration will be handled by the Division of Continuing Education.

**PSYC Psychology**

211A	PRIN-METH OF PSYC	04.0 CR	
	PREREQ GSB 202		
401	01.00-02.50	MTWTHF	WHAM 201 RADTKE ROBERT
211B	PRIN-METH OF PSYC	04.0 CR	
	PREREQ PSYC 211A		
501	08.00-09.50	MTWTHF	LS II 250 RAMANAIAH NERELLA
301	CHILD PSYCH		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 202		
401	08.00-09.50	M WTHF	WHAM 302 SOMERVILL JOHN W
501	09.00-10.50	MTWTH	LS II 350 O'DONNELL JAMES P
303	ADOLESCENT PSYCH		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 202		
401	01.00-02.50	M WTHF	LS II 250 MOLFESI VICTORIA
305	PSYCH PERSONALITY		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 202		
401	08.00-09.50	TWTHF	LS II 250
402	02.00-03.50	M WTHF	LS II 450 SOMERVILL JOHN W
501	10.00-11.50	TWTHF	NKRS C 116 HARREN VINCENT
307	SOCIAL PSYCHOLOGY		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ GSB 202		
501	01.00-02.50	M WTHF	LS II 250 DONNERSTEIN MARCIA
311	EXP PSYCH LEARN		04.0 CR
	PREREQ PSYC 211B		
401	10.00-11.50	MT THF	TECH A 208 SCHMECK RONALD
	10.00-11.50	W	LS II 69

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314 EXP PSYC - PHSL 04.0 CR  
 PREREQ GSB 202 & GSA301, NOT TAKE  
 CONCURRENTLY WITH A302  
 201 10.00 M W F LS II 330 IRWIN DONALD  
 09.00-10.50 T LS II 69  
 320 INDUSTRIAL PSYCH 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 202  
 401 10.00-11.50 MT THF NKRS C 116 WESTBERG WILLIAM C

Consent of the PSYC Dept. is necessary for unclassified graduate students to register for 400 and 500 level courses in PSYC.

404 THEORIES OF PERCEP 04.0 CR  
 PREREQ PSYC 211B OR CONSENT OF INSTR  
 401 10.00-11.50 TWTHF LS II 250 LIT ALFRED  
 407 TH OF LEARNING 04.0 CR  
 PREREQ PSYC 211B OR CONSENT OF INSTR  
 401 01.00-02.50 M WTHF LS II 146 MCHOSE JAMES  
 421 PSYCH TESTS & MEAS 04.0 CR  
 PREREQ 8 HRS OF PSYC  
 501 10.00-11.50 MTWTH LS II 250 RAMANAIAH NERELLA  
 431 PSYCHOPATHOLOGY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ PSYC 305 OR CONSENT OF INSTR  
 401 10.00-11.50 MTWTH LS II 146 DEPUE RICHARD  
 440 TH OF PERSONALITY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ PSYC 305 OR CONSENT OF INSTR  
 501 10.00-11.50 M WTHF LS II 146 SCHILL THOMAS  
 459 PRESCHOOL WORKSHOP 04.0 CR  
 PREREQ CONSENT OF INSTR  
 601 08.00-09.15 TWTHF LS II 224 DUNAGAN SHIRLEY SUE  
 ABOVE SECT-7HRS PRACTICUM PER WK IN AM  
 /TBA  
 465 GRP DYN-IND BEHAV 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ PSYC 307 OR CONSENT OF INSTR  
 401 08.00-09.50 TWTHF NKRS C 116 MCNEEL STEVEN  
 490 INDEPEN PROJECTS 01.0 TO 16.0 CR -(MANDATORY PASS/FAIL)  
 PREREQ CONSENT OF INSTR  
 201 TO BE ARRANGED  
 401 TO BE ARRANGED  
 501 TO BE ARRANGED  
 495 SELECTED TOPICS 01.0 TO 18.0 CR  
 PREREQ CONSENT OF INSTR  
 401 10.00-11.50 MTWTH LS II 228 O'DONNELL JAMES  
 SECTION 401 FOR 4HR CRONLY

Consent of the PSYC Dept. is necessary for unclassified graduate students to register for 400 and 500 level courses in PSYC.

531 ADV PSYCHOPATHOLOGY 08.0 CR  
 PREREQ PSYC 530, 541 AND CONSENT OF INSTR  
 401 01.00-02.50 M WTHF LS II 228 RINGUETTE EUGENE L  
 590 READINGS-PSYC 01.0 TO 16.0 CR  
 PREREQ CONSENT OF DEPT  
 201 TO BE ARRANGED  
 401 TO BE ARRANGED  
 501 TO BE ARRANGED  
 591 RESEARCH IN PSYC 01.0 TO 36.0 CR  
 PREREQ CONSENT OF DEPT  
 201 TO BE ARRANGED  
 401 TO BE ARRANGED  
 501 TO BE ARRANGED  
 593E PRACT-CLIN PSYC 01.0 TO 18.0 CR  
 PREREQ CONSENT OF INSTR IN CHARGE  
 201 TO BE ARRANGED  
 401 TO BE ARRANGED  
 501 TO BE ARRANGED  
 593F PRACT-COUNS PSYC 01.0 TO 18.0 CR  
 PREREQ CONSENT OF INSTR IN CHARGE  
 201 TO BE ARRANGED  
 593L PRACT-TEACHING PSYC 01.0 TO 18.0 CR  
 PREREQ CONSENT OF INSTR IN CHARGE

SHOEMAKER DONALD  
 RIMM DAVID  
 BEKKER L DEMOYNE

201	12.00	T	LS II	228	CARRIER NEIL ALAN
595	ADVANCED SEMINAR	01.0 TO 18.0	CR		
	PREREQ	CONSENT OF DEPT			
201	TO BE ARRANGED				LEVITT ROBERT R
401	TO BE ARRANGED				PITZ GORDON
402	TO BE ARRANGED				RAFFERTY JANET
403	TO BE ARRANGED				
501	TO BE ARRANGED				MEITZER DONALD
502	01.00-02.50	M WTHF	LS II	228	SCHILL THOMAS
599	THESIS	01.0 TO 09.0	CR		
201	TO BE ARRANGED				
401	TO BE ARRANGED				
501	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 45.0	CR		
201	TO BE ARRANGED				
401	TO BE ARRANGED				
501	TO BE ARRANGED				
<b>R-T Radio-Television</b>					
300M	R-T WRIT-PERF-PROD		05.0	CR	
201	09.00	M W F	LAWSON	121	OLSON THOMAS O
300S	FOUNDATIONS OF R-T		05.0	CR	
201	10.00	MTWTHF	LAWSON	101	
302	BASIC RADIO PRODUCT		02.0	CR	
	PREREQ	C GRADE IN 300M, P, AND S			
201	10.00	T	COMM	1016	QUERCIAGROSSA GERALD
	09.00-10.50	W	COMM	1016	QUERCIAGROSSA GERALD
202	10.00	T	COMM	1016	QUERCIAGROSSA GERALD
	09.00-10.50	TH	COMM	1016	QUERCIAGROSSA GERALD
303	BASIC TV PRODUCTION		03.0	CR	
	PREREQ	C GRADE IN 300M, P, AND S			
201	01.00	T	COMM	1015	OLSON THOMAS
	01.00-04.50	W	COMM	1015	OLSON THOMAS
202	01.00	T	COMM	1015	OLSON THOMAS
	01.00-04.50	TH	COMM	1015	OLSON THOMAS
335	CATV PROGRAM-PROD		04.0	CR	
	PREREQ	C GRADE IN R-T 300M, P, S, R-T			
	325				
201	02.00-03.50	MTW	COMM	1017	LYNCH CHARLES
340	ANALY-BROADCAST PRO		04.0	CR	
	PREREQ	C GRADE IN 300M, P, AND S			
201	12.00	MTWTH	COMM	1046	LYNCH CHARLES
351	PROGS AND AUDIENCES		03.0	CR	
	PREREQ	C GRADE IN 300M, P, AND S			
201	11.00	M W F	LAWSON	121	DYBVIG HOMER EUGENE
352	LAWS AND POLICIES		03.0	CR	
	PREREQ	C GRADE IN 300M, P, AND S			
201	04.00	M W F	LAWSON	121	OGLESBEE FRANK W
363	INTERMED RADIO PROD		04.0	CR	
	PREREQ	C GRADE IN 300M, P, AND S, AND			
	302				
201	01.00-02.50	M	COMM	1016	ROBBINS BUREN C
	01.00-03.50	W	COMM	1016	ROBBINS BUREN C
202	01.00-02.50	T	COMM	1016	ROBBINS BUREN C
	01.00-03.50	T	COMM	1016	ROBBINS BUREN C
369	TV DIRECTING		04.0	CR	
	PREREQ	C GRADE IN 300M, P AND S, 303,			
	340 AND 374				
201	09.00-12.50	T	COMM	1046	ROCHELLE DAVID B
202	09.00-12.50	TH	COMM	1046	ROSCETTI BERNARD F
203	09.00-12.50	W	COMM	1046	ROCHELLE DAVID B
370	TV NEWSFILM PRODUCT		03.0	CR	
	PREREQ	C GRADE IN 300M, P AND S			

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201	03.00-04.50	T	COMM	1016	NORWOOD DONALD J
	TO BE ARRANGED -LAB FEE \$20				
374	STUDIO OPERATION-TV			02.0 CR	
	PREREQ C GRADE IN 300M, P, AND S, AND 303				
201	05.00	T	COMM	1046	ROSCETTI BERNARD F
375	INDIVIDUAL STUDY			01.0 TO 02.0 CR	
	PREREQ C GRADE IN 300M, P, & S AND CONSENT OF INSTRUCTOR				
201	12.00	T	COMM	1046	DYBVIG LYNCH OLSON
380	ADV NEWSFILM PROD			02.0 CR	
	PREREQ C IN R-T 300P, 300S, 300M, 370 OR C&P 355 AND CONSENT				
201	03.00-04.50	M F	COMM	1006	NORWOOD DONALD
383	BROADCAST WRITING			04.0 CR	
	PREREQ C GRADE IN 300M, P, & S, AND 302, 303				
201	02.00-03.50	T TH	COMM	1016	TERWISCHE DAVID K
386	ADV RADIO PRODUCT			03.0 CR	
	PREREQ C GRADE IN 300M, P, S & 302, 340, TH EA 203 & FCC 3RD PH LIC				
201	04.00	T TH	COMM	1046	GARRY KEN
387	ADV TV PRODUCTION			04.0 CR	
	PREREQ C GRADE IN 300M, P, S & 303, 340, 369, 374, 383, & CONSENT				
201	08.00	T TH	COMM	1046	OLSON THOMAS
	LAB TO BE ARRANGED				
393	RADIO, TV, & SOCIETY			04.0 CR	
	PREREQ C GRADE IN 300M, P, & S & COMPLETION OF 144 HOURS				
201	10.00	M W F	LAWSON	121	
430	PUB AFF & R-T ESTAB			03.0 CR	
	PREREQ C GRADE IN 300M, P, & S				
201	03.00-04.50	T TH	COMM	2012	ROBBINS BUREN C
464	PUB AFFAIRS-TV PROG			03.0 CR	
	PREREQ C GRADE IN 300M, P, & S				
201	01.00-03.50	M	COMM	1046	DYBVIG HOMER EUGENE
467	RADIO-TV PROD SURV			03.0 CR	
201	04.00	M W F	COMM	1046	ROBBINS BUREN C
	ABOVE SECT-RESTR TO NON-MAJORS				
475	INDIVIDUAL STUDY			01.0 TO 08.0 CR	
	PREREQ C GRADE IN 300M, P, & S, AND CONSENT				
201	12.00	T	COMM	1046	
490	THEA-TV WORKSHOP			08.0 CR	-(MANDATORY PASS/FAIL)
	PREREQ C GRADE IN 300M, P & S AND 303, 387 AND CONSENT				
201	TO BE ARRANGED				TERWISCHE DAVID K
	CROSSLISTED WITH THEA 490				

## REC Recreation and Outdoor Education

300	INTRO TO RECREATION			04.0 CR	
	PREREQ RESTRICTED TO CONSENT OF DEPT				
301	08.00	MTWTHF	WHAM	202	SCHULTZ STEPHEN H
301	OUTDOOR EDUCATION			04.0 CR	
	PREREQ REC 300 AND REC 305 OR CONSENT OF DEPT				
601	08.00-04.50	M TH	GRASSY	100	
	ABOVE SECT MEETS AT OUTDOOR LAB				
305	PROGRAMS IN REC			04.0 CR	
	PREREQ REC 300 OR CONSENT OF DEPT				
301	09.00	MTWTHF	0862	101	SCHULTZ
320	NATURE INTERPRET			04.0 CR	
	PREREQ REC 300 AND REC 305 OR CONSENT OF DEPT				
601	08.00-04.50	T F	GRASSY	100	
	ABOVE SECT MEETS AT OUTDOOR LAB				
330	CAMPCRAFT			03.0 CR	
	PREREQ REC 305				



601 01.00-03.50 T TH GRASSY 100 ABERNATHY  
 ABOVE SECT MEETS AT OUT DOOR LAB  
 340 REC ACT FOR SP POP 03.0 CR  
 PREREQ REC 302  
 201 TO BE ARRANGED FREEBERG  
 380 FIELD WORK 02.0 TO 08.0 CR  
 PREREQ 20 HRS IN REC & CONSENT OF  
 INSTR  
 201 TO BE ARRANGED ABERNATHY AND STAFF  
 425 REC AREAS AND FAC 03.0 CR  
 PREREQ REC 305  
 301 08.00-09.50 M WTH 0861 102 ABERNATHY  
 450 PERFORM ART-REC& ED 04.0 CR  
 PREREQ REC 300 AND REC 305 OR CONSENT  
 OF DEPT  
 301 10.00-11.50 MTWTHF PULL 34 TAYLOR  
 480 PRACTICUM-OUTDR ED 02.0 TO 16.0 CR  
 PREREQ CONSENT OF INSTRUCTOR  
 201 TO BE ARRANGED NOWAK  
 490 INTERNSHIP IN REC 08.0 TO 16.0 CR  
 PREREQ 20 HRS IN REC  
 201 TO BE ARRANGED ABERNATHY & OBRIEN  
 510 OUTDOOR ED WKSHP 04.0 CR  
 101 08.00-11.50 MTWTHF 0595 101 NOWAK  
 01.00-04.50 MTWTHF 0595 101  
 525 SPEC POP WKSHP 04.0 CR  
 301 TO BE ARRANGED FREEBURG WM H  
 596 INDEPENDENT STUDY 02.0 TO 09.0 CR  
 201 TO BE ARRANGED TAYLOR  
 599 THESIS 05.0 CR  
 PREREQ CONSENT OF CHAIRMAN  
 201 TO BE ARRANGED FREEBERG

**REHB Rehabilitation**

414 DEV EMP OPPORT 01.0 TO 16.0 CR  
 PREREQ SPECIAL STANDING OR CONSENT OF  
 INSTR  
 201 TO BE ARRANGED VIECELI & DICKEY  
 417 REHB-ECON DEPRIVED 04.0 CR  
 201 01.00-03.50 M PULL 118  
 486 INTRO BEHAV MOD 04.0 CR  
 301 09.00 MTWTH LAWSON 101 POPPEN ROGER L  
 490 READINGS IN REHB 01.0 TO 06.0 CR  
 PREREQ CONSENT OF INSTR  
 201 TO BE ARRANGED ALLEN HARRY A JR  
 519 SEL, PLACE & FOLLOW 02.0 TO 03.0 CR  
 PREREQ CONSENT OF INSTR  
 201 TO BE ARRANGED  
 ABOVE SECT WILL MEET 9-4:30 MTWTFS-DATES  
 & ROOM TBA  
 537 DIAG PROC-SPEC POP 04.0 CR  
 PREREQ REHB 532 & CONSENT OF INSTR  
 201 01.00-02.50 M F TECH A 422 COYLE FRANK A JR  
 543 STRUCT BASIS-BEHAV 04.0 CR  
 PREREQ CONSENT OF INSTR  
 201 03.00-04.50 T TH H EC 104 RUBIN HARRY  
 561 PSYC-SOC ASPECT-DIS 02.0 TO 03.0 CR  
 PREREQ CONSENT OF INSTR  
 201 06.00-08.00 PM W WHAM 302 ALLEN HARRY A JR  
 567 SCH-RELATED BEHAV 04.0 CR  
 PREREQ CONSENT OF INSTRUCTOR  
 301 10.00-12.50 M AG 144 CAMPBELL ROBERT L  
 10.00-11.50 W 0720 107 CAMPBELL ROBERT L

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571	SEM IN SEL TOPICS	01.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPT		
201	TO BE ARRANGED		SCHUMACHER BROCKMAN
202	03.00-04.50 M W	WHAM 301B	SANDERS RICHARD M
578	SEM IN CORR REH CO	01.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR		
201	10.00-12.50 M	0871 102	GRENFELL JOHN E
585A	PRACTICUM IN REHAB	01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
201	TO BE ARRANGED		LEE ROBERT E
585B	PRACTICUM IN REHAB	01.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
201	TO BE ARRANGED		CAMPBELL ROBERT L
585C	PRACTICUM IN REHAB	01.0 TO 24.0 CR	
	PREREQ CONSENT OF INSTR		
201	TO BE ARRANGED		GARDNER & ALLEN
589	INTERNSHIP IN REHAB	00.0 TO 12.0 CR	
	PREREQ REHB 585 AND CONSENT OF DEPT		
201	TO BE ARRANGED		
590	INDEPENDENT PROJ	01.0 TO 16.0 CR	
	PREREQ CONSENT OF INSTR		
201	TO BE ARRANGED		
591	RESEARCH IN REHAB	01.0 TO 16.0 CR	
	PREREQ CONSENT OF INSTR		
201	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
	PREREQ CONSENT OF INSTR		
201	TO BE ARRANGED		

#### RELS Religious Studies

320A	BIBLICAL STUDIES	03.0 CR	
	PREREQ JUNIOR STANDING OR CONSENT OF INSTRUCTOR		
201	11.00 M W F	COMM 1017	
331C	RELIGION IN AMERICA	03.0 CR	
	PREREQ SOPH STANDING OR CONSENT OF INSTRUCTOR		
201	12.00 M W	COMM 1018	
	12.00 F	COMM 1017	

#### RUSS Russian

136C	RUSS CONVERSATION	01.0 CR	
	PREREQ CONCURRENT GSC 136C		
201	11.00 T	WHLR 212	
320	READING IN RUSS LIT	01.0 TO 04.0 CR-(ELECTIVE PASS/FAIL)	
201	01.00 T TH	H EC 3	
414	RUSSIAN POETRY	03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ RUSS 308B OR CONSENT OF DEPT		
201	01.00 M W F	WHLR 113	
415	RUSSIAN PHONETICS	03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ RUSS 201C		
201	10.00 M W F	H EC 3	

Summer study tour offered in Leningrad, U.S.S.R. For information contact Dr. Joseph Kupcek at the Department of Foreign Languages.

#### S ED Secondary Education

310	HIST PRIN OF SEC ED	04.0 CR	
	PREREQ GUID 305/PSYC 303, ADMISSION TO TCHR ED PROGRAM		
201	08.00 M WTHF	WHAM 326	
202	09.00 M WTHF	WHAM 326	
301	10.00 MTWTHF	WHAM 326	
302	11.00 MTWTHF	WHAM 326	
501	01.00-02.50 MTWTHF	WHAM 326	
312	INSTR ANAL&FIELD WK	02.0 TO 08.0 CR	
	PREREQ ADMISSION TO TEACHER EDUCATION PROGRAM & S ED 310		

201	TO BE ARRANGED	DIXON BILLY G
	SEE DEPT PRO ED EXPERIENCES PRIOR TO REGISTRATION	
315	SEC SCH TEACH METH 04.0 CR PREREQ S ED 310 OR CONCURRENT ENROLL	
301	09.00 MTWTHF WHAM 328	
401	01.00-02.50 MTWTHF WHAM 321	
352	SEC STUD TCH 08.0 TO 16.0 CR	
201	TO BE ARRANGED	DIXON BILLY G
	AGRICULTURE	
202	TO BE ARRANGED	DIXON BILLY G
	ART	
203	TO BE ARRANGED	DIXON BILLY G
	BIOLOGY	
204	TO BE ARRANGED	DIXON BILLY G
	BUSINESS	
205	TO BE ARRANGED	DIXON BILLY G
	CHEMISTRY	
206	TO BE ARRANGED	DIXON BILLY G
	ECONOMICS	
207	TO BE ARRANGED	DIXON BILLY G
	ENGLISH	
208	TO BE ARRANGED	DIXON BILLY G
	FOREIGN LANGUAGE	
209	TO BE ARRANGED	DIXON BILLY G
	GENERAL SCIENCE	
210	TO BE ARRANGED	DIXON BILLY G
	GEOGRAPHY	
211	TO BE ARRANGED	DIXON BILLY G
	GOVERNMENT	
212	TO BE ARRANGED	DIXON BILLY G
	HEALTH EDUCATION	
213	TO BE ARRANGED	DIXON BILLY G
	HISTORY	
214	TO BE ARRANGED	DIXON BILLY G
	HOME ECONOMICS	
215	TO BE ARRANGED	DIXON BILLY G
	OCCUPATIONAL EDUCATION	
216	TO BE ARRANGED	DIXON BILLY G
	JOURNALISM	
217	TO BE ARRANGED	DIXON BILLY G
	MATHEMATICS	
218	TO BE ARRANGED	DIXON BILLY G
	MUSIC	
219	TO BE ARRANGED	DIXON BILLY G
	PHYSICAL EDUCATION	
220	TO BE ARRANGED	DIXON BILLY G
	PHYSICS	
221	TO BE ARRANGED	DIXON BILLY G
	SOCIAL STUDIES	
222	TO BE ARRANGED	DIXON BILLY G
	SPEECH	
223	TO BE ARRANGED	DIXON BILLY G
	INSTRUCTIONAL MATERIALS	
224	TO BE ARRANGED	DIXON BILLY G
	LANGUAGE ARTS	

S ED 352 - Student teachers are expected to be on duty in the public schools according to the calendar of the schools in which they are teaching. During the time in which University students are student teaching, it may therefore be necessary for them to follow a calendar different from the quarterly University calendar. When this is necessary, the Chairman of Professional Education Experiences will inform the students sufficiently far enough in advance so that they may make necessary arrangements.

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375A	IND RES-CURRICULUM	02.0 TO 04.0 CR				
	PREREQ	S ED 310 & CONSENT OF DEPT OR				
		APPROPRIATE ADVISOR				
301	TO BE ARRANGED					
375B	IND RES-INSTRUCTION	02.0 TO 04.0 CR				
	PREREQ	S ED 310 & CONSENT OF DEPT OR				
		APPROPRIATE ADVISOR				
301	TO BE ARRANGED					
375C	IND RES-LANG ARTS	02.0 TO 04.0 CR				
	PREREQ	S ED 310 & CONSENT OF DEPT OR				
		APPROPRIATE ADVISOR				
301	TO BE ARRANGED					
375D	IND RES-SCIENCE	02.0 TO 04.0 CR				
	PREREQ	S ED 310 & CONSENT OF DEPT OR				
		APPROPRIATE ADVISOR				
301	TO BE ARRANGED					
375E	IND RES-READING	02.0 TO 04.0 CR				
	PREREQ	S ED 310 & CONSENT OF DEPT OR				
		APPROPRIATE ADVISOR				
301	TO BE ARRANGED					
375F	IND RES-SOC STUDIES	02.0 TO 04.0 CR				
	PREREQ	S ED 310 & CONSENT OF DEPT OR				
		APPROPRIATE ADVISOR				
301	TO BE ARRANGED					
375G	IND RES-PROB S ED	02.0 TO 04.0 CR				
	PREREQ	S ED 310 & CONSENT OF DEPT OR				
		APPROPRIATE ADVISOR				
301	TO BE ARRANGED					
375H	IND RES-JR HIGH MET	02.0 TO 04.0 CR				
	PREREQ	S ED 310 & CONSENT OF DEPT OR				
		APPROPRIATE ADVISOR				
301	TO BE ARRANGED					
407A	MID & JR HIGH SCH	04.0 CR				
	PREREQ	S ED 310				
301	12.00	MTWTHF	WHAM	328		
488	SOC ST IN SEC SCH	04.0 CR				
	PREREQ	S ED 310 OR CONCURRENTLY				
601	03.00-04.50	MTWTHF	WHAM	326		
495	PROB REL DISADV YTH	02.0 TO 04.0 CR				
	PREREQ	310				
101	01.00-04.50	MTWTHF	WHAM	307		
506	READING IN SEC SCH	04.0 CR				
	PREREQ	S ED 352 OR TEACHING				
		EXPERIENCE				
301	11.00	MTWTHF	WHAM	321	DUSENBERY MIRIAM C	
507	READINGS IN READING	02.0 TO 04.0 CR				
	PREREQ	CONSENT OF INSTR				
201	TO BE ARRANGED				DUSENBERY MIRIAM C	
508	DEVELOP SEL AREAS	04.0 CR				
301	08.00	MTWTHF	WHAM	328		
701	01.00-02.50	MTWTHF	WHAM	328		
509	PRACTICUM IN RD	04.0 TO 08.0 CR				
	PREREQ	S ED 521C				
201	TO BE ARRANGED				DUSENBERY MIRIAM C	
516	INTERN IN READING	04.0 TO 12.0 CR				
	PREREQ	S ED 509 AND 514				
201	TO BE ARRANGED					
518	SUP OF PROF EXPER	04.0 CR				
101	09.00-10.50	MTWTHF	WHAM	307	CASEY JOHN P	
	01.00-02.50	MTWTHF	WHAM	303		
	ABOVE SECT CROSSLISTED WITH ELED 518					
521A	DIAG-CORR READ DIS	04.0 CR				
	PREREQ	505 OR 440 OR CONCURRENT REG				
		WITH 505 & TEACH EXPER				
301	09.00	MTWTHF	WHAM	212	FISHCO DANIEL T	
	ABOVE SECT-CROSSLISTED WITH ELED 521A					
521B	DIAG-CORR READ DIS	04.0 CR				
	PREREQ	505 OR 440 OR CONCURRENT REG				
		WITH 505 & TEACH EXPER				

301	10.00	MTWTHF	WHAM	212	FISHCO DANIEL T
	CROSSLISTED WITH ELED 5218				
521C	DIAG-CORR READ DIS		04.0 CR		
	PREREQ 505 OR 440 OR CONCURRENT REG				
	WITH 505 & TEACH EXPER				
301	11.00	MTWTHF	WHAM	212	FISHCO DANIEL T
	CROSSLISTED WITH ELED 521C				
562	SEC SCHO CURRICULUM		04.0 CR		
301	10.00	MTWTHF	WHAM	328	
601	01.00-02.50	MTWTHF	WHAM	328	
564	SEC S PRINCIPALSHIP		04.0 CR		
301	10.00	MTWTHF	WHAM	303	
	CROSSLISTED WITH EDAF 564				
566	SEM IN INSTRUCTION		04.0 CR		
	PREREQ CONSENT OF INSTR				
301	09.00	MTWTHF	WHAM	208	
570	STUDENT ACTIVITIES		04.0 CR		
301	11.00	MTWTHF	WHAM	328	
571	SEM IN CURRICULUM		04.0 CR		
	PREREQ ELED 561 OR S ED 562 OR EQUIV				
301	02.00-03.50	T TH	WHAM	301A	
575A	IND RES-CURRICULUM		02.0 TO 04.0 CR		
301	TO BE ARRANGED				
575B	IND RES-SUPERVISION		02.0 TO 04.0 CR		
301	TO BE ARRANGED				
575C	IND RES-LANG ARTS		02.0 TO 04.0 CR		
301	TO BE ARRANGED				DUSENBERY MIRIAM C
575D	IND RES-SCIENCE		02.0 TO 04.0 CR		
301	TO BE ARRANGED				
575E	IND RES-READING		02.0 TO 04.0 CR		
301	TO BE ARRANGED				DUSENBERY MIRIAM C
575F	IND RES-SOC STUDIES		02.0 TO 04.0 CR		
301	TO BE ARRANGED				
575G	IND RES-SEC EDUC		02.0 TO 04.0 CR		
301	TO BE ARRANGED				
575H	IND RES-JR H METHOD		02.0 TO 04.0 CR		
301	TO BE ARRANGED				
591	WKSHP IN S ED		04.0 CR		
	PREREQ CONSENT OF INSTR				
101	08.00-11.50	MTWTHF	WHAM	303	
596	INDEPENDENT INVEST		05.0 TO 09.0 CR		
301	TO BE ARRANGED				
599	THESIS		03.0 TO 09.0 CR		
301	TO BE ARRANGED				
600	DISSERTATION		01.0 TO 48.0 CR		
301	TO BE ARRANGED				

## SEC Secretarial and Business Education

201A	TYPEWRITING		03.0 CR		
201	08.00	TWTHF	CL	13	JACOBSON HARRY
202	02.00	MT THF	CL	13	RAHE HARVES
201B	TYPEWRITING		03.0 CR		
	PREREQ SEC 201A OR EQUIV				
201	09.00	MT THF	CL	13	
221A	SHORTHAND-TRANS		04.0 CR		
201	10.00	MTWTHF	CL	17	
221B	SHORTHAND-TRANS		04.0 CR		
	PREREQ SEC 221A OR EQUIV				
201	11.00	MTWTHF	CL	21	
221C	SHORTHAND-TRANS		04.0 CR		
	PREREQ SEC 221B OR EQUIV				
201	11.00	MTWTHF	CL	21	
241	DUPLICATING		01.0 CR		
	PREREQ SEC 201A OR EQUIV				

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201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

201	01.00-02.50	W	CL	21	RAHE HARVES
243	KEYPUNCH			01.0 CR	
	PREREQ SEC 201A OR EQUIV				
301	10.00	M W	CL	24	BURGER OPAL JUNE
304	ADV TYPEWRITING			03.0 CR	
	PREREQ SEC 201C OR EQUIV				
301	12.00	MTWTHF	CL	13	BUBOLTZ VAN
317	DATA PROC IN BUS ED			04.0 CR	
301	08.00	MTWTHF	CL	17	BURGER OPAL JUNE
	ABOVE SECT-PLUS 4 HOURS TBA				
324A	ADV SHORTHAND-TRANS			04.0 CR	
	PREREQ SEC 221C OR EQUIV				
201	01.00	MTWTHF	CL	13	
341	OFFICE CALC MCHNS			04.0 CR	
201	12.00	MTWTHF	CL	17	RAHE HARVES
351	TEACH TYPEWRITING			03.0 CR	
	PREREQ 304 OR EQUIV				
301	03.00	MTWTH	CL	13	ANDERSON MARCIA
354	TCH OFF PRAC & MACH			04.0 CR	
	PREREQ 326 & 324 OR EQUIV				
301	02.00	MTWTHF	CL	17	BAUERNFEIND HARRY B
	ABOVE SECT-PLUS 4 HOURS TBA				
409	TEACH DISTRIB ED			04.0 CR	
	PREREQ MKTG 301				
301	11.00	MTWTHF	CL	17	BAUERNFEIND HARRY B
	ABOVE SECT-PLUS 4 HOURS TBA				
410	TEACH CONSUMER ED			04.0 CR	
	PREREQ GSB 346 OR FIN 305 OR EQUIV				
301	08.00	MTWTHF	CL	328	BUBOLTZ VAN A
	ABOVE SECT-PLUS 4 HOURS TBA				
412	TEACH DATA PROCESS			04.0 CR	
	PREREQ D P 101A OR SEC 417				
301	09.00	MTWTHF	CL	25	BURGER O JUNE
	ABOVE SECT-PLUS 4 HOURS TBA				
414B	AD PR PL VOC BUS ED			03.0 CR	
	PREREQ CONSENT OF INSTR				
301	12.00	MTWTH	LAWSON	201	BAUERNFEIND HARRY B
427	RECORDS ADMIN			04.0 CR	
301	10.00	MTWTHF	CL	21	JACOBSON HARRY E
	ABOVE SECT-PLUS 4 HOURS TBA				
485	PRIN-PHIL VO TEC ED			03.0 CR	
	PREREQ STUDENT TEACHING OR CONSENT OF DEPARTMENT				
601	09.00-10.50	MTWTHF	TECH A	221	
	JUNE25-JULY13,X-LISTEDWITH OE,AG I,HEED				
485					
503	TEST-MEAS BUS EDUC			04.0 CR	
	PREREQ GUID 422A OR MATH 410A				
301	01.00	MTWTHF	CL	25	JACOBSON HARRY
	ABOVE SECT-PLUS 4 HOURS TBA				
525	COOP VOC-TECH ED			04.0 CR	
601	11.00-12.50	MTWTHF	TECH A	220	BAUERNFEIND HARRY B
	JUNE25-JULY13,X-LISTEDWITH OE,AG I,HEED				
485					
591	IND RES IN BUS ED			02.0 TO 05.0 CR	
	PREREQ CONSENT OF INSTR				
201	TO BE ARRANGED				

## SOC Sociology

301	PRINCIPLES OF SOC			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ JR STANDING				
201	01.00	TWTHF	WHAM	228	MALHOTRA-HAMMOND
301	08.00	MTWTHF	WHAM	205	MCWILLIAMS PERRY
302	CONTEMP SOC PROB			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ ONE COURSE IN SOC				
201	02.00	MT THF	LS II	350	
301	12.00	MTWTHF	LS II	350	
338	INDUSTRIAL SOC			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 201B OR SOC 301				



201 09.00 MTW F CL 109 STOTT GERALD  
 340 THE FAMILY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 201B OR SOC 301  
 201 10.00-11.50 T TH LS II 450 HENDRIX LEWELLYN  
 372 CRIMINOLOGY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 201B OR SOC 301  
 201 01.00 M W F WHAM 202  
 01.00 TH LS II 450  
 396 READINGS IN SOC 01.0 TO 05.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF INSTR  
 201 TO BE ARRANGED  
 396H HONORS READINGS-SOC 01.0 TO 04.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF DEPARTMENT  
 201 TO BE ARRANGED  
 424 COLLECTIVE BEHAVIOR 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 321 OR CONSENT OF INSTR  
 201 12.00-01.50 T TH LS II 430 MCGLYNN EDWARD J  
 426 SOC BEHAVIOR PERS 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 321 OR PSYC 305 OR CONSENT  
 OF INSTR  
 201 10.00-11.50 W F LS II 430 ROSSEL ROBERT D  
 451 SOC THGT-ROMAN-REAL 04.0 CR  
 PREREQ TWO COURSES IN SOC OR CONSENT  
 OF INSTR  
 201 10.00-11.50 T TH LS II 430 MUNCH PETER A  
 453 SOCIAL MOVEMENTS 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ TWO COURSES IN SOC OR CONSENT  
 OF INSTR  
 201 03.00-04.50 T TH LS II 228 MCGLYNN EDWARD J  
 454 SOCIOLOGY OF SCIENC 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ TWO COURSES IN SOC OR CONSENT  
 OF INSTR  
 201 10.00-12.30 M LS II 430 GASTON JERRY C  
 498A INDIVIDUAL RESEARCH 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ SR STANDING WITH 20 HRS SOC &  
 CONSENT OF INSTR  
 201 TO BE ARRANGED  
 498B INDIVIDUAL RESEARCH 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ SR STANDING WITH 20 HRS SOC &  
 CONSENT OF INSTR  
 201 TO BE ARRANGED  
 498H HONORS IND RESEARCH 01.0 TO 04.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF DEPARTMENT  
 201 TO BE ARRANGED  
 519 METH FOUND SOC SCI 04.0 CR  
 PREREQ PHIL 420 OR CONSENT OF INSTR  
 201 02.00-04.30 W CL 326 MUNCH PETER A  
 591 INDIVIDUAL RESEARCH 02.0 TO 06.0 CR  
 PREREQ CONSENT OF INSTR AND DEPT  
 CHAIRMAN  
 201 TO BE ARRANGED  
 596 READINGS IN SOC 02.0 TO 12.0 CR  
 PREREQ CONSENT OF INSTR AND DEPT  
 CHAIRMAN  
 201 TO BE ARRANGED  
 599 THESIS 02.0 TO 09.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 201 TO BE ARRANGED  
 600 DISSERTATION 01.0 TO 48.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 201 TO BE ARRANGED SNYDER CHARLES R

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SPE		Special Education			
400	EXCEPTIONAL CHILD		04.0 CR		
	PREREQ	PSYC 301 OR 303 OR CONSENT OF INSTR & DEPT CHAIRMAN			
301	10.00	MTWTHF	WHAM	308	
410A	PROB & CHAR BEH DIS		04.0 CR		
	PREREQ	400 OR CONSENT OF INSTR OR & DEPT CHAIRMAN			
301	09.00	MTWTHF	WHAM	203	HISAMA TOSHIAKI
410B	PROB CHAR MENT RET		04.0 CR		
	PREREQ	400 OR CONSENT OF INSTR			
301	10.00	MTWTHF	WHAM	302	STEPHENS WYATT E
410C	PROB CHAR GIFT CHLD		04.0 CR		
	PREREQ	PSYC 301 OR 303 OR CONSENT OF INSTR			
301	10.00	MTWTHF	WHAM	203	CASEY JOHN P
410E	PROB CHAR LRNG DIS		04.0 CR		
	PREREQ	400 AND CONSENT OF INSTR AND DEPT CHAIRMAN			
301	10.00	MTWTHF	WHAM	201	
411	ASS & REMED LRN DIS		04.0 CR		
	PREREQ	SP E 400 & CONSENT OF INSTR & DEPT CHAIRMAN			
301	09.00	MTWTHF	WHAM	303	
413A	DIR OBSER-BEHAV DIS		04.0 CR		
	PREREQ	CONSENT OF INSTR & DEPT CHAIR			
301	11.00-12.50	M W	PULL	119	HISAMA TOSHIAKA
	TO BE ARRANGED				
413B	DIR OB OF MR CHILD		04.0 CR		
	PREREQ	SP E 410B OR A MAJOR IN SP E			
301	11.00-12.50	T TH	WHAM	303	BREEN EDWARD B
	TO BE ARRANGED				
420A	MET & MAT-BEHAV DIS		04.0 CR		
	PREREQ	410A & CONSENT OF INSTR & DEPT CHAIRMAN			
301	11.00-12.50	M W	WHAM	303	
	TO BE ARRANGED				
420B	METH & MAT TEACH MR		04.0 CR		
	PREREQ	TAKEN QTR PRIOR TO STUD TEACH & CONSENT OF INSTR			
301	11.00-12.50	T TH	WHAM	329	BREEN EDWARD B
	TO BE ARRANGED				
428	SPCH CORR CLASS TCH		04.0 CR		
	PREREQ	IN-SERVICE TEACHER OR GRAD STUDENTS ONLY			
301	01.00	MTWTHF	WHAM	303	HISAMA TOSHIAKI
	X-LISTED WITH SP&A 428				
496	READ & INDEP STUDY		02.0 TO 08.0 CR		
	PREREQ	400 & CONSENT OF STAFF & DEPT CHAIRMAN			
301	TO BE ARRANGED				
501B	SP RESEARCH PROB		04.0 CR		
	PREREQ	CONSENT OF DEPT			
201	TO BE ARRANGED				STEPHENS WYATT E
513	ORG ADM SP CLASSES		04.0 CR		
	PREREQ	400 & CONSENT OF INSTR			
301	11.00-01.30	T TH	LS II	307	MORGAN HOWARD
518B	WKSHP-ED M R CHILD		04.0 CR		
	PREREQ	400 AND CONSENT OF INSTRUCTOR & DEPT CHAIRMAN			
301	01.00-03.30	M W	PULL	119	STEPHENS & RAINEY
518C	WKSHP-ED GIFT CHILD		04.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN			
301	08.00-04.00	MTWTHF	MARION		CASEY JOHN P
518S	WKSHP-ADMIN OF SP E		04.0 CR		
	PREREQ	400 AND CONSENT OF INSTRUCTOR & DEPT CHAIRMAN			
301	06.00-08.30 PM	T TH	PULL	118	

577	PRACTICUM IN SP ED	04.0 TO 12.0 CR			
	PREREQ SP E 410A,B,C, CR E & CONSENT OF STAFF				
301	TO BE ARRANGED				CROWNER & RAINEY
580A	ED MALAD CHILDREN	04.0 CR			
	PREREQ 400 & CONSENT OF INSTR & DEPT CHAIRMAN				
301	02.00-03.50	T TH	WHAM	303	CROWNER JAMES
	TO BE ARRANGED				
580B	ED OF MENT RET	04.0 CR			
	PREREQ 400 & CONSENT OF INSTR & DEPT CHAIRMAN				
301	02.00-03.50	T TH	WHAM	212	STEPHENS WYATT E
	TO BE ARRANGED				
596	INDEP INVESTIGATION	04.0 TO 08.0 CR			
	PREREQ CONSENT OF STAFF & DEPT CHAIR				
301	TO BE ARRANGED				CROWNER JAMES
599	THESIS	02.0 TO 09.0 CR			
301	TO BE ARRANGED				CROWNER JAMES
600	DISSERTATION	01.0 TO 48.0 CR			
301	TO BE ARRANGED				CROWNER JAMES

### SP & A Speech Pathology and Audiology

200	PHONETICS	04.0 CR			
401	10.00	M W F	COMM	1017	MONCUR JOHN P
	10.00-11.50	T TH	COMM	1022	
314	ANAT-PHSL SPCH&HEAR	04.0 CR			
201	08.00	M W F	LS I	113	
	08.00-09.50	T	LS I	113	
	SP&A 314 INSTRS-KAPLAN, ANDERSON, AND BRACKETT				
316	INTRO TO AUDIOLOGY	04.0 CR			
	PREREQ JUNIOR STANDING				
301	02.00-03.50	MT	0861	101	COPELAND ALFRED B
	02.00	W	0861	101	
361	PUBL SCH PROCEDURES	02.0 CR			
301	09.00	M W F	COMM	1021	HALL DONALD
400	IND STUDY-SP&A	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPARTMENT CHAIRMAN				
201	TO BE ARRANGED				ANDERSON JOHN
419	COMM PROB OF H OF H	04.0 CR			
	PREREQ SP&A 406 CR CONSENT OF INSTR				
301	09.00	MTWTHF	COMM	1018	DYBKA MICHAEL
428	SP CORR FOR CL TCH	04.0 CR			
	PREREQ PRACTISING TEACHER, SR OR GRAD IN EDUC				
301	11.00	MTWTHF	0861	101	ANDERSON JOHN
302	01.00	MTWTHF	0862	101	HOSHIKO MICHAEL
430	CLINIC ARTICULATION	02.0 TO 04.0 CR			
	PREREQ SP&A 302				
201	TO BE ARRANGED				HALL DONALD
431	CLINIC PRACT LANG	02.0 TO 04.0 CR			
	PREREQ SP&A 303				
201	TO BE ARRANGED				HALL DONALD
432	CLIN-HEARING REHAB	02.0 TO 04.0 CR			
	PREREQ 316, 406, AND 419				
201	TO BE ARRANGED				HALL DONALD
435	SPCH & LANG DIAG	02.0 TO 04.0 CR			
	PREREQ SP&A 302, 303 AND 401				
201	TO BE ARRANGED				HALL DONALD
436	CLIN-HEARING DIAGNO	02.0 TO 04.0 CR			
	PREREQ 316 AND 406				
201	TO BE ARRANGED				DYBKA MICHAEL

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101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		



509	RES DES-HEAR-SP PAT	04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
301	01.00 MTWTHF COMM	2012	BRUTTEN GENE J
514	SEM-PHONETIC THEORY	04.0 CR	
	PREREQ CONSENT		
701	09.00-11.50 MT THF COMM	1009	BLACHE STEPHEN
515	READINGS IN SP&A	01.0 TO 04.0 CR	
	PREREQ ADVANCED STANDING		
201	TO BE ARRANGED		BLACHE STEPHEN
522	SEM-VOICE DISORDERS	04.0 CR	
	PREREQ SP&A 318 OR EQUIVALENT		
301	02.00 MTWTHF COMM	2012	BRACKETT I P
523	VOICE DISORDERS	02.0 TO 04.0 CR	
	PREREQ SP&A 318 OR EQUIVALENT		
301	TO BE ARRANGED		BRACKETT I P
524	SEM-LANG DISORDERS	04.0 CR	
	PREREQ SP&A 303 OR 545		
601	09.00-11.50 MT THF COMM	1009	PACE SUE ANN
530	RES PROB IN SP&A	01.0 TO 04.0 CR	
	PREREQ ADVANCED STANDING		
201	TO BE ARRANGED		
532	CLIN-FLUENCY DISORD	02.0 TO 04.0 CR	
	PREREQ 510 AND 511		
201	TO BE ARRANGED		BRUTTEN GENE
533	SEM-SPEECH SCIENCE	04.0 CR	
201	TO BE ARRANGED		HOSHIKO MICHAEL
536	ADMIN SP & HEAR PRO	04.0 CR	
201	TO BE ARRANGED		BRACKETT, ANDERSON
599	THESIS	02.0 TO 09.0 CR	
201	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
201	TO BE ARRANGED		

# **SPAN Spanish**

140A	SPAN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT GSC 140A		
201	02.00 M WHLR	203	
140B	SPAN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT GSC 140B		
201	10.00 T WHLR	203	
140C	SPAN CONVERSATION	01.0 CR	
	PREREQ CONCURRENT GSC 140C		
201	02.00 W WHLR	203	
201A	INTERMED SPANISH	03.0 CR	
	PREREQ GSC 140 OR 2 YRS H.S. SPAN OR EQUIV		
601	09.00-10.50 MTWTH WHLR	107	
	09.00 F WHLR	107	
	TO BE ARRANGED		
	ABOVE SECT-JUNE 18-JULY 11-1 HR LAB TBA		
201B	INTERMED SPANISH	03.0 CR	
	PREREQ SPAN 201A		
201	01.00 M LS II	350	
	01.00 T TH GYM	203	
	TO BE ARRANGED		
	1 HR LAB TBA		
301	09.00-10.50 MTWTH WHLR	107	
	09.00 F WHLR	107	
	TO BE ARRANGED		
	ABOVE SECT-JULY 11-AUG 2-1 HR LAB TBA		
201C	INTERMED SPANISH	03.0 CR	
	PREREQ SPAN 201B		
201	12.00 MT TH H EC	3	
	TO BE ARRANGED		
	1 HR LAB TBA		
501	09.00-10.50 MTWTH WHLR	107	
	09.00 F WHLR	107	
	TO BE ARRANGED		
	ABOVE SECT-AUGUST 2-24-1 HR LAB TBA		

220A	INTER SPAN CONVER	02.0 CR			
	PREREQ GSC 140 OR 2 YRS H.S. SPAN OR EQUIV				
201	02.00	T TH	0720	104	
220B	INTER SPAN CONVER	02.0 CR			
	PREREQ SPAN 220A				
201	02.00	T TH	0720	104	
220C	INTER SPAN CONVER	02.0 CR			
	PREREQ SPAN 220B				
201	02.00	T TH	0720	104	
288A	SPAN- RESEARCH TOOL	03.0 CR			
201	12.00	M WTH	WHLR	203	VAN GORDER ROBERT
288B	SPAN- RESEARCH TOOL	03.0 CR			
201	01.00	M WTH	WHLR	212	VAN GORDER ROBERT
288C	SPAN- RESEARCH TOOL	03.0 CR			
201	03.00	M WTH	WHLR	203	VAN GORDER ROBERT
301	INTERMED READINGS	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ 201C OR EQUIV				
201	08.00	M W F	H EC	3	ULNER ARNOLD R
305	ADV CONVERSATION	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ 201C, 220C				
201	12.00	M W F	WHLR	113	ULNER ARNOLD R
310A	SURVEY SPANISH LIT	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ SPAN 301-3				
201	10.00	M W F	LS II	450	ANDERSON VERNON
320B	ADV GRAM AND COMP	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ SPAN 320A				
201	10.00	M W F	H EC	120	ULNER ARNOLD R
333A	SURV SPAN AMER LIT	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ SPAN 301-3				
201	09.00	M W F	NKRS A	278	MEINHARDT WARREN L
360	TRAVEL-STUDY MEXICO	03.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ ADV STANDING IN SPAN OR CONSENT OF DEPT				
201	TO BE ARRANGED				HARTMAN STEVEN L
404A	SP LIT 20TH CENT	03.0 CR			-(ELECTIVE PASS/FAIL)
201	08.00	M WTH	H EC	120	MCBRIDE CHARLES
490	READINGS IN SPAN	01.0 TO 06.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ PERMISSION OF DEPT				
201	TO BE ARRANGED				MEINHARDT WARREN L
500	SEMINAR LAT AM FICT	02.0 TO 06.0 CR			
201	12.00	M W	H EC	120	MEINHARDT WARREN L
599	THESIS	02.0 TO 09.0 CR			
201	TO BE ARRANGED				MEINHARDT WARREN L

Summer study tour offered in Jalapa, Mexico. For information contact Dr. Steven Hartman at the Department of Foreign Languages.

See LAC 302 Individual Interdisciplinary Field Study in Spanish.

### SPCH Speech

102	PUBLIC SPEAKING	04.0 CR			
	PREREQ GSD 103				
201	10.00	M W F	COMM	1022	HIBBS PAUL
	10.00	T	COMM	2012	
202	PRIN OF DISCUSSION	03.0 CR			
201	02.00	MT TH	COMM	1022	POTTER DAVID J
203	INTERPERSONAL COMM	04.0 CR			
	PREREQ GSD 103 OR EQUIV				
201	11.00-12.50	M W	COMM	1022	SMITH W
202	03.00-04.50	M W	COMM	2012	JENNINGS R
209	FORSENIC ACTIVITIES	01.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				

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201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

201	TO BE ARRANGED				KLEINAU MARVIN DALE
301	PERSUASION		04.0 CR		
201	02.00-03.50	M W	COMM 1021		SANDERS K
303	BUS PROF SPEAKING		04.0 CR		
301	02.00	MTWTHF	0862 101		
309	FORSENIC ACTIVITIES		01.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
401	TO BE ARRANGED				KLEINAU MARVIN DALE
418	BRITISH PUB ADDRESS		04.0 CR		
201	10.00-11.50	M W	COMM 2012		MICKEN R A
424	ORAL INTERP DRA LIT		04.0 CR		
	PREREQ GSC 200, SPCH 323 OR CONSENT OF INSTRUCTOR				
201	03.00-04.50	M W	COMM 1020		FISH ROBERT
425	TECH DISC LDRSHIP		03.0 CR		
201	TO BE ARRANGED				POTTER DAVID
427	SEC SCHL FOREN PROG		04.0 CR		
301	11.00	MTWTHF	COMM 1021		BRENNAN LESTER R
430	INDEPENDENT STUDY		02.0 TO 04.0 CR		
	PREREQ 12 HRS SPCH & CONSENT OF INSTR				
201	TO BE ARRANGED				
431	INTERN-PRACT IN PR		02.0 TO 12.0 CR		
	PREREQ SR, SPCH 331, MGT 340, MKTG 301, 363, JRNL 370				
201	TO BE ARRANGED				WILEY RAYMOND D
441	TCHG ELEM SCHL SPCH		04.0 CR		
301	12.00	F	COMM 2012		HIGGINBOTHAM DOROTHY
	11.00-12.50	T TH	COMM 2012		
520	PHIL FOUND-SPEECH		03.0 CR		
201	12.00	TWTH	COMM 1021		PACE THOMAS J
522	STUDIES IN INTERP		04.0 CR		
	PREREQ 12 HRS OF INTERP OR CONSENT OF INSTR				
301	09.00	MT TH	COMM 1020		
	10.00-11.50	W	COMM 1020		
	WRIT PERMISSION OF DR MARION KLEINAU REQ FOR ENRLMENT				
524A	SEM RHET & PUB ADD		03.0 CR		
201	10.00-11.30	M W	COMM 2005		BRADLEY EARL
530	RESEARCH PROBLEMS		01.0 TO 04.0 CR		
201	TO BE ARRANGED				
542	NON-QUAN RES METH		04.0 CR		
201	09.00-10.50	T TH	COMM 1021		JENNINGS RUSSELL W
599	THESIS		02.0 TO 09.0 CR		
201	TO BE ARRANGED				MICKEN RALPH A
600	DISSERTATION		01.0 TO 48.0 CR		
201	TO BE ARRANGED				MICKEN RALPH A
<b>SW Social Welfare</b>					
375	SW AS A SOC INSTIT		04.0 CR		
301	10.00-11.50	T THF	TECH A 410		BROWN FOSTER
302	10.00-11.50	M W F	0875 101		ROBERTS TERRENCE
383	INTRO INTERVIEWING		04.0 CR		
301	08.00-09.50	M W F	H EC 206		ROBERTS TERRENCE
302	10.00-11.50	T THF	0862 102		BRELJE MARTHA
391	SOC SER&MINOR GRPS		03.0 CR		
	PREREQ SW 375				
301	09.00-10.50	T TH	0720 104		ROBERTS TERRENCE
396	READINGS		01.0 TO 06.0 CR		
	PREREQ CONSENT OF INSTR				
301	TO BE ARRANGED				
481A	PROC IN SOC WORK		04.0 CR		
	PREREQ SW 375				
301	01.00-02.50	T THF	NKRS A 156		BRELJE MARTHA
482	SOC WK-SEL AGENCIES		08.0 CR		
	PREREQ 481 AND CONSENT OF INSTRUCTOR				
301	10.00-12.20	M	0871 101		BROWN FOSTER
490	SEM- PROB & ISSUES		04.0 CR		
	PREREQ SW 481A & B				



301	09.00-10.50	T THF	0871	101	AUERBACH ARNOLD
THEA Theater					
217	ACTING		04.0 CR	-(MANDATORY PASS/FAIL)	
301	09.00	MTWTHF	COMM 1045	HARRISON EELIN S	
308A	DRAM ACT-STAGECRAFT		02.0 CR		
	PREREQ THEA 111A,B,C				
201	03.00	M W	COMM 1045	SCHACKE ROBERT	
308B	DRAM ACT-LIGHTING		02.0 CR		
	PREREQ THEA 111A,B,C				
201	03.00	M W	COMM 1045	SCHACKE ROBERT	
308C	DRAM ACT-COSTUMING		02.0 CR		
	PREREQ THEA 111A,B,C				
201	03.00	M W	COMM 1045	SCHACKE ROBERT	
308D	DRAM-ACT-ACTING		02.0 CR		
	PREREQ THEA 217				
201	03.00	M W	COMM 1045	SCHACKE ROBERT	
308E	DRAM ACT-MAKE-UP		02.0 CR		
	PREREQ THEA 305				
201	03.00	M W	COMM 1045	SCHACKE ROBERT	
308F	DRAM ACT-MAKE-UP		02.0 CR		
	PREREQ THEA 404				
201	03.00	M W	COMM 1045	SCHACKE ROBERT	
308G	DRAM ACT-DIRECTING		02.0 CR		
	PREREQ THEA 402A				
201	03.00	M W	COMM 1045	SCHACKE ROBERT	
322	THEATRE PRACTICUM	02.0 TO 14.0 CR			
201	08.40-10.10	MTWTHF	COMM 1037	MCLEOD&MOE&HARRISON	
	MEETS 8:40AM-10:10PM-DEPT CONSENT REQ				
402A	PLAY DIRECTING		04.0 CR	-(ELECTIVE PASS/FAIL)	
301	01.00	MTWTHF	COMM 1045	HARRISON EELIN S	
402B	PLAY DIRECTING		04.0 CR	-(ELECTIVE PASS/FAIL)	
301	05.00	MTWTHF	COMM 1045		
409	H S THEATRE		04.0 CR		
301	09.00	MTWTHF	COMM 1017		
411A	PLAYWRITINE-ONE ACT		04.0 CR		
	PREREQ THEA 311				
201	12.00	MTWTHF	TECH A 322	MOE CHRISTIAN	
444	CONTEMP DANCE WKSHP	02.0 TO 08.0 CR			
301	01.00-05.00	MTWTHF	PULL 42	GORDON LONNY	
	X-LISTED WITH PEW 444				
490	TV-THEA WORKSHOP		08.0 CR		
	PREREQ SENIOR STANDING AND CONSENT OF DEPARTMENT				
201	TO BE ARRANGED			PAYNE DARWIN R	
	CROSSLISTED WITH R-T 490				
519	THEATRE PRACTICUM	01.0 TO 12.0 CR			
201	08.40-10.10	MTWTHF	COMM 1037	MCLEOD & HARRISON	
	MEETS 8:40AM-10:10PM-DEPT CONSENT REQ				
526	SEM IN THEATRE ARTS	03.0 TO 12.0 CR			
	PREREQ GRAD STANDING & CONSENT OF DEPARTMENT				
201	08.00	MTWTH	COMM 1033C	MCLEOD ARCHIBALD	
	STOCK CO MEMBERS-BY PERMISSION ONLY				
530	RESEARCH PROBLEMS	01.0 TO 04.0 CR			
201	TO BE ARRANGED			MOE CHRISTIAN	
599	THESIS	01.0 TO 09.0 CR			
201	TO BE ARRANGED			MOE CHRISTIAN	
UNIV University					
240	PRIVATE PILOT		04.0 CR		
201	TO BE ARRANGED				
241	BASIC FLIGHT		03.0 CR		
	PREREQ UNIV 240 OR PRIVATE LICENSE				

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201	TO BE ARRANGED					
242	INTERMEDIATE FLIGHT		03.0	CR		
	PREREQ	UNIV 241				
201	TO BE ARRANGED					
243	ADVANCED FLIGHT		03.0	CR		
	PREREQ	UNIV 242				
201	TO BE ARRANGED					
244	INSTRUMENT FLIGHT		04.0	CR		
	PREREQ	UNIV 243 OR COMMERCIAL PILOT CERTIFICATE				
201	TO BE ARRANGED					
245	FLT INSTR-AIRPLANE		03.0	CR		
	PREREQ	COMMERCIAL PILOT CERTIFICATE				
201	TO BE ARRANGED					
246	FLT INSTR- INST		01.0	CR		
	PREREQ	FLT INST & COMM PILOT CERTIFIC ATE WITH INST RATING				
201	TO BE ARRANGED					
247	MULTI-ENG PILOT		01.0	CR		
	PREREQ	PRIVATE OR COMMERCIAL PILOT CE RTIFICATE				
201	TO BE ARRANGED					
248	TRANSPORT PILOT		03.0	CR		
	PREREQ	COMPLETION OF FAA REQUIREMENTS PER FAR 61				
201	TO BE ARRANGED					
<b>ZOOL Zoology</b>						
300	VERT EMBRYOLOGY		05.0	CR		
	PREREQ	CONSENT OF INSTRUCTOR				
201	10.00	M W F	LS II	303	HASS	
	09.00-10.50	T TH	LS II	303	HASS	
317A	DIVERSITY OF ANIMAL		05.0	CR		
	PREREQ	GSA 115A,B				
201	08.00	T TH	LS II	330	DYER WILLIAM G	
	08.00-09.50	M W F	LS II	251	DYER WILLIAM G	
317B	DIVERSITY OF ANIMAL		05.0	CR		
	PREREQ	ZOOL 317A				
301	09.00	T THF	LS II	330	BRANDON RONALD	
	09.00-11.50	M W	LS II	253		
	10.00-11.50	F	LS II	253		
321	HISTOLOGICAL TECHN		05.0	CR		
	PREREQ	1 YR OF BIO SCIENCE OR CONSENT OF INSTRUCTOR				
201	11.00	T TH	LS II	350	MARTAN JAN	
	10.00-11.50	M W F	LS II	381		
322	PROBLEMS IN ZOOLOGY		02.0 TO 05.0	CR		
	PREREQ	4.25 GPA, SENIOR STANDING, AND DEPT OR FAC APPROVAL				
201	TO BE ARRANGED					
382	ZOOL SENIOR SEMINAR		01.0	CR	-(MANDATORY PASS/FAIL)	
	PREREQ	SENIOR STANDING				
201	02.00	TH	LS II	430	PETERSEN BRUCE	
202	04.00	W	LS II	330	PETERSEN BRUCE	
402	NAT HIST INVERT		04.0	CR		
	PREREQ	ONE YEAR ZOOL INCLUDING 317A				
201	09.00	M W	LS II	330	MCPHERSON	
	09.00-10.50	T TH	LS II	304		
403	NAT HIST VERT		04.0	CR		
	PREREQ	ZOOL 317B				
401	07.00-03.00 PM	T F	GRASSY	100		
404	ZOOLOGY FIELD STUD		02.0 TO 12.0	CR		
	PREREQ	CONSENT OF INSTR				
201	TO BE ARRANGED					
406	PROTOZOOLOGY		04.0	CR		
	PREREQ	ZOOL 317A				
401	07.00-03.00 PM	M TH	GRASSY	100	GARIOIAN	
471	ENTOMOLOGY		04.0	CR		
	PREREQ	ZOOL 317A				

201	01.00	T TH	LS II	350	MCPHERSON
	12.00-01.50	M W	LS II	304	MCPHERSON
508	HELMINTHOLOGY			04.0	CR
	PREREQ	CONSENT OF INSTRUCTOR			
301	03.00	M W F	LS II	330	DYER WILLIAM
	03.00-04.50	T	LS II	369	DYER WILLIAM
	02.00-04.50	TH	LS II	369	DYER WILLIAM
540	FACTORS ANIMAL REPR			03.0	CR
	PREREQ	CONSENT OF INSTRUCTOR			
301	08.00	MTWTH	LS II	350	MARTAN JAN
561	GAME MAMMALS			04.0	CR
	PREREQ	CONSENT OF INSTRUCTOR			
301	02.00	M W F	LS II	330	STAINS
	02.00-03.50	T	LS II	310	STAINS
	02.00-04.50	TH	LS II	310	STAINS
582	GRAD ZOO SEMINAR			01.0	CR
	PREREQ	CONSENT OF INSTRUCTOR & DEPT			
201	TO BE ARRANGED				
596	SPECIAL RESEARCH			01.0 TO 12.0	CR
	PREREQ	CONSENT OF DEPT			
201	TO BE ARRANGED				
599	RESEARCH AND THESIS			01.0 TO 12.0	CR
	PREREQ	CONSENT OF INSTR			
201	TO BE ARRANGED				
600	DISSERTATION			01.0 TO 48.0	CR
	PREREQ	CONSENT OF INSTR			
201	TO BE ARRANGED				

### SCHEDULE OF VOCATIONAL-TECHNICAL INSTITUTE COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
<b>GSA General Studies Area A—Man's Physical Environment and Biological Inheritance</b>				
101	PHYS IN OUR ENVIRON		04.0	CR
201	01.00	MTWTH	M3	103 HARBISON JAMES
<b>GSB General Studies Area B—Man's Social Inheritance and Social Responsibilities</b>				
202	INTRO TO PSYCHOLOGY		04.0	CR
201	01.00	MTWTH	M1	112
202	04.00	MTWTH	M1	112
212	AM GOVT & POLITICS		04.0	CR -(ELECTIVE PASS/FAIL)
201	12.00	MTWTH	H3	151 SHIN WANGSHIK
202	03.00	MTWTH	H3	151 SHIN WANGSHIK
<b>GSD General Studies Area D—Organization and Communication of Ideas</b>				
101	ENGLISH COMPOSITION		03.0	CR
201	01.00	MTW F	H1	127 WRIGHT MARY
202	03.00	MTW F	H1	127 WRIGHT MARY
203	04.00	MTW F	H1	127
102	ENGLISH COMPOSITION		03.0	CR
201	03.00	MTW F	H1	126
106	INTERMEDIATE MATH		00.0	CR
201	01.00	MTWTH	H1	126 HARBISON JAMES
153	PUBLIC COMM		03.0	CR
201	08.00	MTWTH	H3	151 WORKUN ARTHUR
202	01.00	MTWTH	H3	151 WORKUN ARTHUR

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101-199	June 4-June 15	301-399	June 18-August 10	501-599	July 26-August 31	701-799	July 26-August 20
201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		



**\*AD Architectural Technology**

110A	ARCHITECT DRAFTING	05.0 CR	
	PREREQ MUST BE TAKEN IN A,B SEQUENCE		
201	08.00-11.50 M W F M1	108	RUTLEDGE CLIFTON D
146A	FREEHAND ARCH GRAPH	03.0 CR	
	PREREQ MUST BE TAKEN IN A,B SEQUENCE		
201	09.00-11.50 T TH M1	108	RUTLEDGE CLIFTON D
147	HISTORY ARCHITECT	03.0 CR	
201	12.00 M W F M1	112	
250A	MAT & METH OF CONST	05.0 CR	
	PREREQ *AD 151 OR CONSENT OF ADVISER		
201	08.00-11.50 T TH M1	101	

**\*AT Aviation Technology**

110	AIRC STRUCT-FAB&REP	06.0 CR	
201	01.00-03.50 T TH AVTECH 131	KOLKMEYER ROBERT O	
	04.00 MTWTHF AVTECH 106	KOLKMEYER ROBERT O	
111	MATERIALS & PROCESS	05.0 CR	
201	02.00 MTWTHF AVTECH 117	ELLINGSWORTH DAVID A	
	03.00-04.50 M WTH AVTECH 135	ELLINGSWORTH DAVID A	
112	AIRCRAFT ELECT-BASIC	06.0 CR	
201	10.00-11.50 M W AVTECH 117	LEE DONALD B	
	09.00-11.50 T TH AVTECH 128	LEE DONALD B	
113	AIRCRAFT INSTRUMENT	04.0 CR	
201	01.00 MTWTH AVTECH 116	ELLINGSWORTH DAVID A	
	12.00-01.50 F AVTECH 127	ELLINGSWORTH DAVID A	
114	AIRCRAFT WT & BAL	05.0 CR	
201	02.00-03.50 T AVTECH 131	CANNON RICHARD H	
	04.00 MTWTHF AVTECH 117	CANNON RICHARD H	
202	AIRCRAFT ELEC SYS	04.0 CR	
	PREREQ *AT 112		
201	12.00 M W F AVTECH 106	LEE DONALD B	
	09.00-11.50 F AVTECH 128	LEE DONALD B	
203	AERODYNAMICS	05.0 CR	
201	09.00 MTW AVTECH 117	SCHAFER JOSEPH A	
	10.00-11.50 T TH AVTECH 135	SCHAFER JOSEPH A	
204	AIRCRAFT HYDRAULICS	04.0 CR	
201	08.00 M W F AVTECH 116	RICH DAVID LOUIS	
	08.00-09.50 T TH AVTECH 132	RICH DAVID LOUIS	
205	CAB ENVIRONMENT SYS	03.0 CR	
201	11.00 M W F AVTECH 116	SCHAFER JOSEPH A	
	02.00-03.50 T AVTECH 135	SCHAFER JOSEPH A	
206	METAL & PROCESSING	05.0 CR	
201	09.00 M W F AVTECH 106	RICH DAVID LOUIS	
	10.00-12.50 T TH AVTECH 135	RICH DAVID LOUIS	
207	AIRCRAFT INSPECTION	02.0 CR	
201	01.00-02.50 M AVTECH 135	KOLKMEYER ROBERT O	
	01.00-03.50 W F AVTECH 135	KOLKMEYER ROBERT O	
	03.00 M AVTECH 117	KOLKMEYER ROBERT O	
214	PROPELLERS	04.0 CR	
201	10.00-11.50 T TH AVTECH 118	BURKEY PAUL D	
	10.00 M W F AVTECH 116	BURKEY PAUL D	
215	PWRPLANT TEST&INSP	04.0 CR	
	PREREQ 1ST,2ND, 5TH QTRS COURSES		
201	08.00-09.50 MTWTH AVTECH 135	BURKEY PAUL D	
	11.00 M W F AVTECH 106	BURKEY PAUL D	
216	JET PROPUL PWRPLANT	06.0 CR	
201	01.00 MTWTHF AVTECH 117	CANNON RICHARD H	
	02.00-03.50 M W F AVTECH 133	CANNON RICHARD H	
220	JET TRAN SYS & FFDO	04.0 CR	
201	10.00 M W F AVTECH 106	SCHAFER JOSEPH A	
	02.00-03.50 TH AVTECH 119	SCHAFER JOSEPH A	

**\*AUT Automotive Technology**

101A	BASIC AUTO LAB	05.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN 125A		
201	08.00-10.50 MTWTHF L2	108	
125A	BASIC AUTO THEORY	05.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN 101A		

201	11.00	MTWTHF	L2	105	WILLEY L D
<b>*CG Commercial Graphics</b>					
120	FIG & FREEHAND DRAW			05.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN *CG 122				
201	08.00-10.50	M W F	N1	101	YACK JOHN L
	120 SCHED SWITCHES WITH *CG 122 DAILY				
122	TECNIQ-ADVER DES			05.0 CR	
	PREREQ CONCURRENT ENROLLMENT IN *CG 120				
201	08.00-10.50	T TH	N1	101	YACK JOHN L
	122 SCHED SWITCHES WITH *CG 120 DAILY				
240	SPECIAL STUDY			03.0 TO 12.0 CR	
	PREREQ STAFF APPROVAL				
201	TO BE ARRANGED				YACK JOHN L
<b>*CLE Corrections and Law Enforcement</b>					
103	INTRO CRIMINAL JUST			04.0 CR	
201	10.00-11.50	M W	HI	124	WALLACE MELVIN
202	06.00-09.30 PM	W	HI	124	WALLACE MELVIN
215	INTERNSHIP			06.0 TO 12.0 CR	(ELECTIVE PASS/FAIL)
	PREREQ FOURTH QUARTER STATUS				
201	TO BE ARRANGED				WALLACE MELVIN
<b>*DH Dental Hygiene</b>					
140	DENTAL PHARMACOLOGY			03.0 CR	
	PREREQ *DH 139 AND *VTC 115B				
201	08.00	M W F	F1	110	SMITH DONALD
202	04.00	M W F	F1	110	SMITH DONALD
201	RESTOR DENTAL MATER			05.0 CR	
	PREREQ *VTC 115B				
201	09.00-11.50	T	F3	128	LEEBENS WILLIAM M
	01.00-03.50	TH	F1	110	LEEBENS WILLIAM M
202	01.00-03.50	T	F3	128	LEEBENS WILLIAM M
	01.00-03.50	TH	F1	110	LEEBENS WILLIAM M
210A	CLINICAL DENTAL HYG			05.0 CR	
	PREREQ *DH 130, *DH 137A,B, *DH 139				
201	09.00-11.50	MTW F	F3	132	
	12.00	F	F1	110	HOPPE MARILYN J
202	01.00-03.50	MTW F	F3	132	
	12.00	F	F1	110	HOPPE MARILYN J
217	DENT HEALTH EDUC			02.0 CR	
	PREREQ *DH 130, *DH 137, *DH 139				
201	12.00	M W	F1	110	HOPPE MARILYN J
218A	DENT ROENTGENOLOGY			02.0 CR	
	PREREQ *DH 131,*DH 132,*DH 135 AND *VTC 115B				
201	08.00-09.50	TH	F1	110	BUSHEE ELEANOR JANE
202	10.00-11.50	TH	F1	110	BUSHEE ELEANOR JANE
<b>*DP Electronic Data Processing</b>					
101	AUTO DATA PROC MACH			05.0 CR	
201	11.00	MT THF	H4	134	
	12.00	M W F	H4	133	
107	AUTO DP CONCEPTS			03.0 CR	
201	09.00	MTWTHF	H4	134	
109	PUNCHED CARD PREP			03.0 CR	
	PREREQ TYPING SKILLS				
201	10.00	MTWTHF	H4	133	
<b>*DT Dental Laboratory Technology</b>					
113A	SCIENCE DENT MATLS			03.0 CR	
201	09.00	M W F	F1	110	LEEBENS WILLIAM M

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201-299	June 18-August 31	401-499	June 18-July 25	601-699	June 18-July 13		

113B	SCIENCE DENT MATLS			03.0	CR	
201	10.00	M W F	F1	110		LEEBENS WILLIAM M
143	ORIENT OF DENT TECH			02.0	CR	
201	09.00	T TH	F1	109		LEEBENS WILLIAM M
202	PROFESSIONAL ETHICS			02.0	CR	
201	11.00	T TH	F1	109		LEEBENS WILLIAM M
<b>*ELT Electronics Technology</b>						
127	BASIC TECH CONCEPTS			03.0	CR	
201	09.00-10.50	M W F	M3	110		CALDWELL PAUL NEWELL
<b>*MED Media Technology</b>						
203A	PREP-MEDIA MATERIAL			04.0	CR	
	PREREQ *MED 101					
201	11.00-12.50	M W	HI	117		WHITE ROBERT L
	11.00	T TH	HI	123		WHITE ROBERT L
209	MEDIA INTERN			04.0	TO 12.0	CR
	PREREQ 20 HRS IN *MED					
201	TO BE ARRANGED					WHITE ROBERT L
213A	INTRO TO PHOTOGRAPH			04.0	CR	
201	09.00	M W	HI	123		WHITE ROBERT
	09.00-10.50	T TH	HI	117		
<b>*MS Mortuary Science</b>						
101A	FUNERAL HIST & CUST			03.0	CR	
201	10.00	MT F	L3	109		BOULANGER JAY W
101B	FUNERAL HIST & CUST			03.0	CR	
	PREREQ *MS 101A					
201	11.00	MT F	L3	109		BOULANGER JAY W
275	FUNERAL SERV INTERN			12.0	CR	
	PREREQ ALL OTHER REQMTS OF *MS CURRIC					
	MET					
201	TO BE ARRANGED					HERTZ DONALD GORDON
280	FUNERAL SERVICE SEM			02.0	CR	-(MANDATORY PASS/FAIL
	PREREQ CONCURRENT REGISTRATION IN MS					
	275					
201	TO BE ARRANGED					HERTZ DONALD GORDON
<b>*PTH Physical Therapy</b>						
221	CLINICAL INTERNSHIP			08.0	CR	
	PREREQ ALL REQUIREMENTS WITH 3.0 GPA					
201	TO BE ARRANGED					OKITA TED Y
222	CLINICAL SEMINAR			02.0	CR	-(MANDATORY PASS/FAIL
	PREREQ CONCURRENT ENROLLMENT IN *PTH					
	221					
201	TO BE ARRANGED					OKITA TED Y
<b>*SCR Secretarial and Office Specialties</b>						
101A	TYPEWRITING			03.0	CR	
201	09.00	MTWTHF	F1	121		TOOLEY JAMES
107	FILING & DUPLICTG			03.0	CR	
	PREREQ 101A OR CONSENT OF ADVISER					
201	11.00	MTWTHF	F1	102		TOOLEY JAMES
126	FUNDAMENTALS OF BUS			03.0	CR	
201	09.00	M W F	F1	108		RICHEY HELEN E
205A	TYPEWRITING			03.0	CR	
201	04.00	MTWTHF	F1	107		JOHNSTON CHESTER
214A	COOP SEC EXP			02.0	TO 05.0	CR
	PREREQ *SCR 104C					
201	TO BE ARRANGED					MIRIANI THERESA B
214B	COOP SEC EXP			02.0	TO 05.0	CR
	PREREQ *SCR 104C					
201	TO BE ARRANGED					MIRIANI THERESA B
220B	MACHINE SHORTHAND			05.0	CR	
	PREREQ *SCR 220A					
201	09.00-10.50	MTWTHF	F1	103		MIRIANI THERESA B
226A	BUSINESS LAW			04.0	CR	
201	09.00	MTWTH	F1	112		VAUGHN FRANK EUGENE



226B	BUSINESS LAW				04.0 CR	
	PREREQ	*SCR 226A				
201	01.00	MTWTH	F1	108	VAUGHN FRANK EUGENE	
227	OFFICE ADMIN & SUPR			04.0 CR		
	PREREQ	SCR 126				
201	11.00	MTWTHF	F1	108		
230B	TESTIMONY & DEPOSIT			03.0 CR		
	PREREQ	*SCR 230A				
201	11.00	MTWTHF	F1	103	MIRIANI THERESA	
235B	ADV LEGAL DICTATION			03.0 CR		
	PREREQ	*SCR 235A				
201	01.00	MTWTHF	F1	103	MIRIANI THERESA	
<b>*TT Tool and Manufacturing Technology</b>						
185A	TECHNICAL DRAWING			03.0 CR		
201	12.00	MTWTHF	M1	101		
<b>*VTC Vocational Technical Careers</b>						
102	TECHNICAL WRITING			03.0 CR		
	PREREQ	GSD 101				
201	12.00	MTW F	H1	127	HERTZ VIVIENNE	
105	TECHNICAL MATH			03.0 CR		
	PREREQ	SATISFACTORY ACT OR GSD 10L				
201	02.00	M W F	H1	126	HARBISON JAMES	
107	GEN SYSTEMS PHYSICS			04.0 CR		
201	03.00	M W	M3	103	HARBISON JAMES	
	02.00-03.50	T TH	M3	101	HARBISON JAMES	
350	TECH CAREER SUBJECT	01.0 TO 50.0 CR				
	PREREQ	CONSENT OF INSTR				
201	TO BE ARRANGED					

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This form is provided for your use in establishing a tentative class schedule before coming to the Registration Center.

1. Write in the *course* and *section* number in the appropriate day and time column.

2. Note: Avoid scheduling two classes at the same time.

3. It is suggested that you also make an alternative schedule.

4. Tentative class schedules are subject to the rules and policies on registration of the University and the Registration Center.

TIME	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.
8:00												
9:00												
10:00												
11:00												
12:00												
1:00												
2:00												
3:00												
4:00												
*												
*												

\* Write in times for night classes.





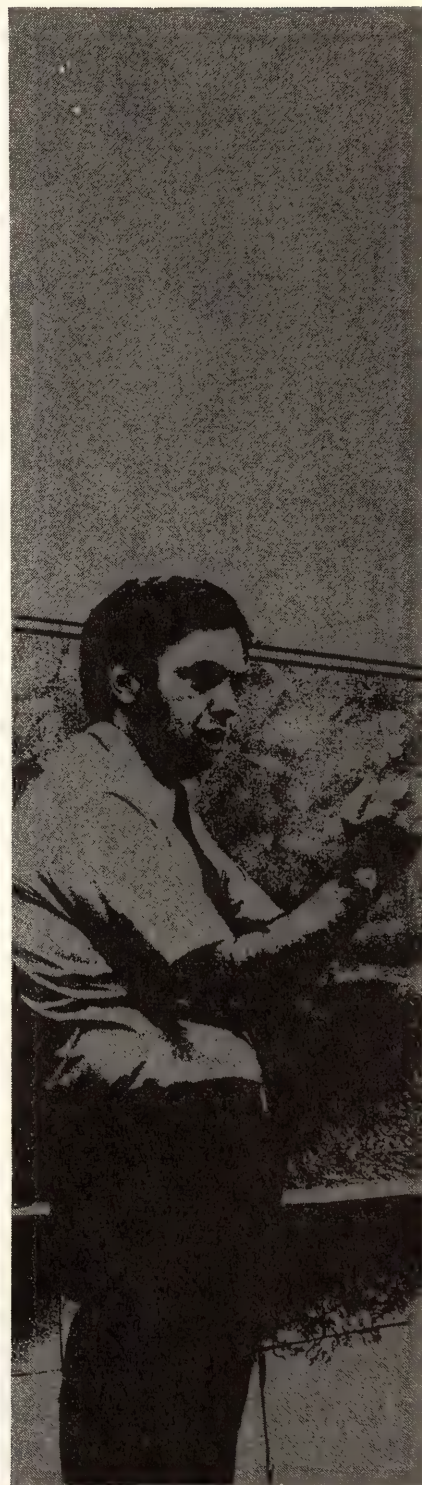
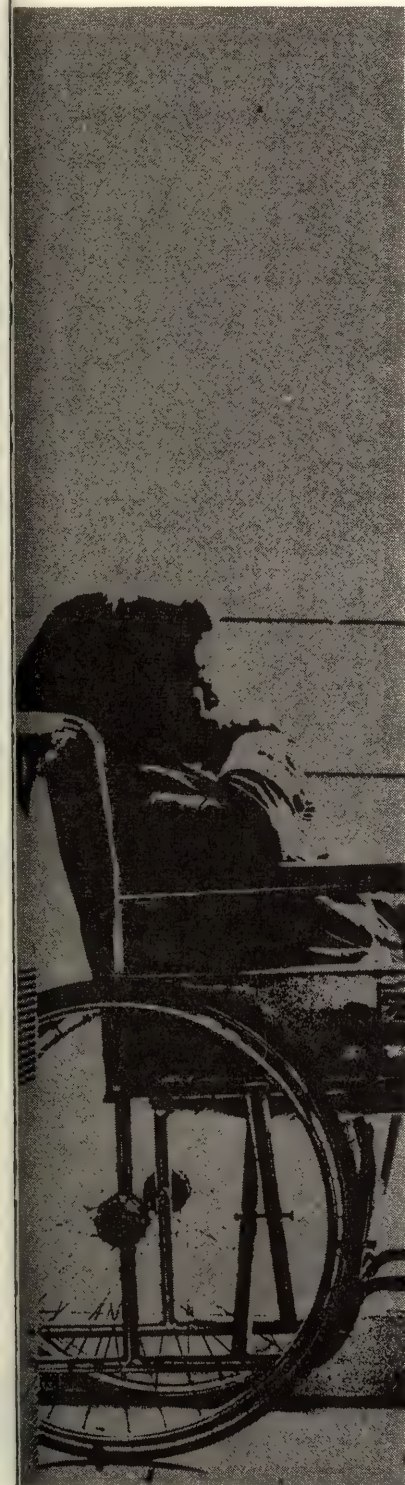






Fall / 1973  
Schedule  
of Classes  
Carbondale

# Southern Illinois University Bulletin



**This Bulletin** contains the schedule of classes to be offered by Southern Illinois University at Carbondale for the fall quarter, 1973, at Carbondale, Vocational-Technical Institute Campus, and Little Grassy Lake.

It also provides information relative to admission, advisement, registration, and fees.

Fall / 1973  
Schedule  
of Classes  
Carbondale

# Southern Illinois University Bulletin



**Southern Illinois University Bulletin**

Volume 15, Number 3

April 1973

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# Registration Calendar

## Fall Quarter, 1973

### GRADUATE REGISTRATION DATES

**Monday, April 16–Friday, June 8 and Monday, July 2–Friday, September 7.**

Advance registration period for graduate students. Graduate students may begin making program changes for the fall quarter on Monday, April 23. No graduate registration or program change will be processed Monday, September 10–Friday, September 21.

**Monday, September 24–Thursday, October 4**

Beginning-of-the-quarter registration period for graduate students. No graduate students will be admitted or readmitted on September 24, 25, 26.

### UNDERGRADUATE REGISTRATION DATES

**Monday, April 9–Friday, June 1 and Monday, June 25–Friday, August 24.**

Advance registration period for all undergraduate students. New students should refer to the Advisement and Registration procedure on page 1 for further procedural information.

ALL CONTINUING UNDERGRADUATE STUDENTS ARE EXPECTED TO BE REGISTERED BY AUGUST 24. Students are urged to process program changes prior to the first day of classes. Students should be registered and should attend classes on the first day of classes.

**Monday, April 23**

First day for undergraduate students to begin making program changes for the fall quarter.

**Wednesday, August 29**

Undergraduate students will have their advance registration cancelled if fees are not paid at the Bursar's Office by 4:00 P.M. on this date, unless they have deferred their fee payment at the Bursar's Office prior to this date. Students whose fees are paid or deferred by this date will receive a printed class schedule before the quarter begins. To insure accuracy students should check these schedules carefully for conflicts and errors. Changes should be made before classes begin. Tuition and fees may be deferred during the two week period prior to the fee payment deadline providing the tuition and fee payment totals at least \$50.

### Beginning-of-the-Quarter Activities for Undergraduates

The dates listed below from September 23 through September 28 are for undergraduates. These dates are subject to change prior to the beginning of fall quarter. Continuing students *should not wait* until this time to register. Their registration should be processed and tuition and fees paid or deferred prior to August 29.



*Sunday, September 23*

Residence halls open.

New student orientation starts.

*Monday, September 24*

Advisement and registration for new and re-entry students only. Continuing students who did not advance register or had their registration cancelled for non-payment of fees must wait until Tuesday, September 25 to register. Students registering at the Arena must clear their fees with the Bursar the same day they register. Registration will be located at the SIU Arena from Monday, September 24 through Friday, September 28. Arena hours are 8:00 A.M. to 4:00 P.M. daily.

*Tuesday, September 25*

Advisement and registration for all students not yet registered. This is the first day for continuing students to register at the Arena. Undergraduates should complete registration by this date. Night classes start (5:45 P.M. or later).

*Wednesday, September 26*

Day classes start.

Advisement and registration open for program changes.

*Thursday, September 27*

Advisement and registration open for program changes only.

*Friday, September 28*

Advisement and Registration open for registration and program changes. This is the deadline to register or to make a program change in which a course is added or a section changed. Registration ends at 4:00 P.M.

**Monday, October 1**

Registration activities returned to Woody Hall.

**UNDERGRADUATE AND GRADUATE REGISTRATION  
DEADLINE DATES**

**Thursday, October 4**

Deadline for payment of fees by students whose fees were deferred. Graduate students registration will be cancelled if fees are not paid by 4:00 P.M.

**Friday, October 5**

Last day officially to withdraw from school or make a program change drop which changes fee categories to be eligible for a refund of fees.

**Friday, October 19**

Last day for undergraduates to officially withdraw from a course without receiving a letter grade.

Graduate students officially dropping a course after this date need not be given an evaluative letter grade.

Last day to change from credit to audit or vice versa for all students. (See Auditing of Courses, page 5.)

Last day to change from regular grading option to pass/fail option or vice versa for students in elective pass/fail courses. (See Pass/Fail Option, page 5.)

**Friday, December 7**

Last day for making a program change or withdrawing from school except under exceptional circumstances.

# Calendar of Events

## September

- 17, Monday \* American College Testing Program (Residual)  
29, Saturday \* Medical College Admission Test

## October

- 13, Saturday \* Dental Admission Testing Program  
20, Saturday \* American College Testing Program (National)  
\* Test of English as a Foreign Language  
\* Law School Admission Test  
27, Saturday \* Graduate Record Examination  
\* Graduate School Foreign Language Test

## November

- 3, Saturday \* Admission Test for Graduate Study in Business  
10, Saturday \* Veterinary Aptitude Test  
\* National Teacher Examination

## December

- 8, Saturday \* American College Testing Program (National)  
\* Graduate Record Examination  
\* Graduate School Foreign Language  
15, Saturday \* Law School Admission Test

\* Pre-registration is required. Please contact the Testing Center, Washington Square, Building C, 536-3303, at least four weeks before the date of the test.

# University Calendar

<i>SPRING, 1973</i>	Quarter Begins	Monday, March 26 *
	Memorial Day Holiday	Monday, May 28
	Final Examinations	Saturday–Friday, June 2–8
	Commencement	Friday, June 8
<i>SUMMER, 1973</i>	Quarter Begins	Monday, June 18 *
	Independence Day Holiday	Wednesday, July 4
	Quarter Ends	Friday, August 31
	Commencement	Friday, August 31
<i>FALL, 1973</i>	New Student Days	Sunday–Tuesday, September 23–25
	Quarter Begins	Tuesday, September 25 *
	Thanksgiving Vacation	Tuesday, 10 P.M.–Monday, 8 A.M., November 20–26
	Final Examinations	Wednesday–Tuesday, December 12–18
<i>WINTER, 1974</i>	Quarter Begins	Wednesday, January 2 *
	Washington's Day Holiday	Monday, February 18
	Final Examinations	Wednesday–Tuesday, March 13–19
<i>SPRING, 1974</i>	Quarter Begins	Wednesday, March 27 *
	Memorial Day Holiday	Monday, May 27
	Final Examinations	Wednesday–Tuesday, June 5–11
	Commencement (Carbondale)	Tuesday, June 11
	Commencement (Edwardsville)	Wednesday, June 12
<i>SUMMER, 1974</i>	Quarter Begins	Tuesday, June 18 *
	Independence Day Holiday	Thursday, July 4
	Final Examinations	Monday–Friday, August 26–30
	Commencement (Carbondale)	Friday, August 30
	Commencement (Edwardsville)	Saturday, August 31

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\* Classes begin with the evening classes after 5:30 P.M.





# 1 / General Information

THIS BULLETIN contains the schedule of classes offered for the fall quarter, 1973, by Southern Illinois University at Carbondale. It also provides information relative to advisement and registration, fees, and allied information.

## **Admission**

Inquiries concerning undergraduate admission should be directed to the Admissions Office; those on the graduate level to the Graduate School. Undergraduate admission applications should be completed at least thirty days in advance of the desired entrance date.

## **Registration and Advisement**

Southern Illinois University at Carbondale uses an academic advisement system whereby each undergraduate academic unit has a chief academic adviser and a number of assistant advisers selected from the teaching faculty. Undergraduate students entering the University for the first time will receive selective dates from the admission process from which they are to select the preferred date on which they will come to the campus to be advised and to advance register. This includes both freshmen and transfer students. They are not to write for appointments nor are they to come to Carbondale expecting to register unless it is the date indicated for them to do so.

Graduate students will initiate advisement with their advisers, and will complete the registration process at the graduate school, where all registration forms will be completed and retained. Graduate students will not be required to go through the Registration Center. The registration process is handled at a later time, and the student receives a fee statement by mail. Cancellation of graduate student registrations for non-payment of fees occurs on the date indicated in the Registration Calendar. Graduate students may register during the period indicated in the Registration Calendar. Graduate students who need to make program changes must follow the same procedure as undergraduate students in that these must be personally processed by the graduate students through the Registration Center.

After advisement the student may register for classes. See the Registration Calendar in this bulletin. Ordinarily, registration offices are open from 8:00 to 11:30 A.M. and 1:00 to 4:30 P.M., Monday through Friday.

During the registration process the student goes through the Registration Center, where he assigns himself to specific sections of the courses he is to take.

Mere attendance does not constitute registration in a class, nor will attendance in a class for which a student is not registered be a basis for asking that a program change be approved permitting registration in

that class. Students should complete the registration process before classes begin.

### *New Students*

Students entering the University for the first time are permitted to advance register only after they have been admitted to the University as evidenced by their receiving the Certificate of Admission.

New undergraduate students, freshmen and transfer, will be expected to advance register on the same date that they come to the campus for advisement. Dates for students to do so will be selective ones in which the students are asked to come to the campus on specific dates as determined by the University. Students should not expect to be advised and registered on the same date they are admitted nor are they to come to the campus for advisement and registration without an appointment. Appointments for advisement and registration will be mailed from and are to be returned to the Office of Admissions and Records.

New graduate students may register during the registration periods indicated on the registration calendars. Arrangements should be cleared with the Graduate School to do so to assure that the appropriate adviser will be available.

### *Re-Entering Students*

Students who have attended the University at some former time but not during the session immediately prior to the time they plan re-entry are expected to advance register during the periods outlined in the Registration Calendar. After completing readmission procedures (Admissions Office for undergraduate students and graduate school for graduate students) advisement appointments should be made at the advisement offices of the academic units into which the students are entering and clearance of the registrations should be completed on that same day at the Registration Center.

### *Current Students, Carbondale*

Students currently registered in the University will be continued in their present curricula unless a change of college or major is made. A change of college or major area of concentration is initiated with the student's adviser. Either change should be made at the time of advisement.

Undergraduate students currently registered in the University will schedule appointments with their adviser. Registrations should be processed through the Registration Center as soon after advisement as possible.

Graduate students in a degree program should make appointments with the departmental adviser for program advisement. Unclassified graduate students may report directly to the graduate school for registration procedure.

### *Current Students, Edwardsville*

Undergraduate students attending Southern Illinois University at Edwardsville who plan to attend Southern Illinois University at Carbondale must initiate their registration process by presenting to the Office of Admissions and Records at Carbondale either an official transcript of their university record or a letter of good standing from the registrar at Edwardsville. The reason for reporting to the admissions office is to permit the necessary coding changes to be made so that pertinent information



about their academic programs, etc., can be up-dated to reflect the change of campus. Graduate students report first to the Graduate School.

Payment of Fees

Undergraduate students receive their fee statements at the time of registration. During the advance registration period students are asked to delay paying their fees in person at the Bursar's Office until the day following registration. This is to permit necessary fee information to reach the Bursar by the time of fee payment. Students will find it easier simply to mail the fee statement along with a check or money order for the proper monetary amount to the Bursar's Office so as to arrive there by the deadline dates which are stated in the Registration Calendar located earlier in this bulletin. If students pay fees in person at the Bursar's Office they receive a Student Fee Statement at that time. When fees are paid by mail the fee statement may be picked up by the student when he returns to campus. Students will receive their printed schedule of classes within one week after the cancellation date. It is important that these forms be carried by the students at all times.

Undergraduate students registering at the start of a quarter must pay fees at the time of registration.

Graduate students receive fee statements by mail and must clear their fees at the Bursar's Office by 4:00 P.M. on the date indicated on the Registration Calendar.

Fees for a Regular Quarter

The University reserves the right to change fees and to have the change go into effect whenever the proper authorities so determine. Undergraduate students pay the following regular fees:

	Not more than 5 hrs.	More than 5, less than 11	11 or more
Tuition Fee—Illinois Resident . . . . .	\$ 48.00	\$ 95.00	\$143.00
Tuition Fee—Out-of-State Resident . . .	(143.00)	(286.00)	(429.00)
Student Welfare and Recreation			
Building Trust Fund Fee . . . . .	5.00	10.00	15.00
Student Activity Fee * . . . . .	3.50	3.50	3.50
Student Center Fee . . . . .	5.00	10.00	10.00
Athletic Fund Fee . . . . .	3.00	6.50	10.00
Student Medical Benefit Fee * . . . . .	4.00	7.50	11.50
Total—Illinois Resident . . . . .	\$ 68.50	\$132.50	\$193.00
Total—Out-of-State Resident . . . . .	(163.50)	(323.50)	(479.00)

\* Graduate students carrying not more than five hours may option not to pay either one or both of these fees.

Students who register for a course for *audit* or for a non-credit course will be assessed fees according to the imputed hours of that course. *Imputed hours* is generally the number of hours the class meets per week.

Scholarships-Grants-Assistantships-Waivers

Students having special fee status, such as scholarships, grants, graduate appointments, faculty and staff will pay fees according to their particular fee status and must provide proof of their eligibility at the time fees are assessed.

Students holding valid state scholarships and other grants are exempt from some or all of the tuition and fees for a quarter to the extent provided by the terms of the specific financial aid. Additional information concerning scholarships and grants may be obtained from the Office of Student Work and Financial Assistance.

### *Graduate Appointees*

A graduate student who holds a graduate student appointment of at least one-quarter time is eligible for a waiver of tuition each quarter the appointment is held.

A graduate student who has held such an appointment for at least three consecutive quarters and meets the conditions specified below will be eligible for a waiver of tuition for one additional quarter.

1. The appointment requires service to the University (i.e., preceptor, teaching assistant, research assistant, graduate intern, graduate assistant, but not a special doctoral assistant), and is paid through University Payroll. A special doctoral assistant is appointed for four quarters and can have the appointment extended to a total of eight quarters, but is not eligible for additional quarters.
2. The student has held an appointment requiring service to the University of at least 25% time each of three *consecutive* quarters. The Summer Quarter may be one of the three quarters. On the other hand, the three quarters may be interrupted by the summer and still be considered consecutive.
3. The tuition waiver will be granted *immediately after* the three quarters of service have been completed. A student whose appointment is fall, winter, and spring may option either the immediate summer or fall, but not both. In no case shall the additional quarter tuition waiver be granted *before* the three consecutive quarters of service have been completed.
4. This additional quarter of tuition waiver shall not apply to nonservice appointments normally awarded for four or more consecutive quarters, (i.e., special doctoral assistantships, graduate fellowships, or experimental fellowships).
5. This additional quarter of tuition waiver shall not apply to appointments such as NDEA (Title IV) fellowships, NSF traineeships, and NSF fellowships.

Fees waived for graduate appointees are the student welfare and recreation building trust fund fee and the athletic fee when registering for less than full-time (11 quarter hours) basis.

### *Faculty and Staff*

Persons in this category will receive a tuition waiver and a waiver of some fees whenever they are employed at any time during a quarter for which they are registered. If the appointment is at least a nine month appointment, students may receive the waiver for the fourth quarter providing that quarter follows immediately the last quarter of appointment. Students may option summer or fall in this instance.

### *Civil Service*

These employees will receive a tuition waiver and a waiver of some fees only when authorized by the Personnel Office after compliance with personnel regulations.



Fees waived for faculty and administrative staff and civil service employees are the student welfare, recreation building trust fund fee, and the athletic fee when registering for less than full-time (11 quarter hours) basis. They are not permitted to pay the activity fee or student medical benefit fee.

### **Auditing of Courses**

Students may register for courses in an *audit* status. They receive no letter grade and no credit for such courses. An auditor's registration must be marked accordingly. They pay the same fees as though they were registering for credit. They are expected to attend regularly and are to determine from the instructor the amount of work expected of them. If auditing students do not attend regularly, the instructor may determine that the students should not have the audited courses placed on their record cards maintained in the Office of Admissions and Records. Students registering for a course for credit may change to an audit status or vice versa only for fully justified reasons and only during the first four weeks of a quarter. Such a change will require the student's academic dean's approval.

### **Pass/Fail Option**

This option applies only to undergraduate instruction. The elective Pass/Fail option and mandatory Pass/Fail courses are not available for graduate credit.

Courses offered under the pass/fail option are denoted in the listing of course offerings by the words "Elective pass/fail" or "Mandatory pass/fail" printed beside the affected course entry.

A student taking a course for pass/fail should have his registration marked accordingly. Students registering in an elective pass/fail course may change from the regular grading option to the pass/fail option or vice versa only for fully justified reasons and only during the first four weeks of the quarter. Such a change will require the student's academic dean's approval.

Students are not permitted to elect pass/fail for a course that is a major or minor requirement for them unless the program specifically permits such to be done. At present the only programs permitting such are:

The School of Business permits its students to take academic unit (School of Business) required courses on an elective pass/fail basis when the courses are offered by departments outside the School of Business and when such courses are made available on the pass/fail basis.

Economics Department—Any departmental undergraduate economics course, including ones required as a part of the *economics* major or minor, may be taken on a pass/fail basis.

Forestry Department—Forestry 104 may be taken on a pass/fail basis by students majoring in Forestry.

### **Program Changes**

Students are officially registered only for those courses appearing on their schedule of classes. Any change therefrom must be made through an official program change, which includes the following steps:



1. **Initiating the change.**

Students report to their advisers for approval and Program Change form completion. Graduate students must also secure approval from the graduate school. If the change involves only that of changing sections within the same course, this may be done at the Registration Center without the necessity of securing adviser approval.

2. **Registration.**

Students must take the program change form to the Registration Center after approval by the adviser.

Program changes which involve the adding of a new course to the schedule or the changing of sections must be done by the "last day to add a class" as indicated in the Registration Calendar.

### *Dropping a Course*

A program change must be made in order to drop a course. A student may not drop merely by stopping attendance. The last date for dropping a course by an undergraduate student without receiving a letter grade is printed in the Registration Calendar. Graduate students may not necessarily receive a grade for dropping after this date. (Refer to Registration Calendar.)

### *Changing Fee Status*

Students making program changes which result in their moving from one fee status to another will be assessed additional tuition and fees when appropriate. If the change is to reduce the academic load resulting in a lower tuition and fee status, students may apply for the appropriate tuition and fee refund provided the reduction in program is made officially by a program change during the same period at the start of a quarter in which students withdrawing from the University are eligible for a refund. This is usually during the first ten days. For dates refer to the Registration Calendar.

### **Withdrawing from School**

A student who finds it necessary to withdraw from school while the quarter is in progress must report to the Office of Admissions and Records to initiate official withdrawal action. No withdrawal will be permitted during the last two weeks of a quarter, except under exceptional conditions. A refunding of fees is permitted only if a withdrawal is officially completed by the deadline stated in the Registration Calendar.

A student who advance registers, including paying of fees, and then finds that he cannot attend school must also officially withdraw from school. He may do this either by reporting to the Office of Admissions and Records in person or by writing to the Student Life Office. This must be done by the deadline date printed in the Registration Calendar, if he expects to get a refund.

### **Cancellation of Registration**

An advance registration including the payment of tuition and fees may be considered invalid if the student is declared to be ineligible to register due to scholastic reasons. The same situation may exist due to financial or disciplinary reasons if certified to the Registrar by the Student Life Office.

## Personal Data Changes

At the time of registration students are asked to review a Biographic Data Sketch containing personal data. Certain items, if in error, may be corrected at that time. Other items which may require some type of verifying evidence, are changed by reporting to the offices listed below.

1. *Local Address Change*.—Office of Admissions and Records, Registration Center, Graduate School, or VTI Registration Office.
2. *Name Change, Marital Status Change, Date of Birth Change*.—Records Section of the Office of Admissions and Records. Verification may be required.
3. *Selective Service Data Change or Information*.—Registration Center.
4. *Legal Residence Change* (whether an Illinois or out-of-state resident).—Must be requested by completion of the *Application to be Classified an Illinois Resident* form in the Office of Admissions and Records. Before the change is made the student must have met the regulations governing residency status as established by the Board of Trustees.





# 2 / Schedule of Classes

## Listing of Courses

Courses which students are to take to meet the General Studies requirements are listed in the front part of the Schedule of Classes. These courses are listed by the area which they satisfy and within the area by course number and section number.

Departments in which courses are being offered are listed in alphabetical order. Courses within each department are listed in order by course number and section number.

## Course Numbers and Hours

The line containing this information shows the number of the course first, followed by the short title and number of hours of credit. Course numbers are three-digit numbers. In some cases the three digits may be followed by a letter which is also part of the course number.

In a variable-hour course the student decides the number of hours for which he is going to register in consultation with his adviser.

The course numbering system is as follows:

- 000-099 Course not properly in the following categories
- 100-199 For freshmen
- 200-299 For sophomores
- 300-399 For juniors and seniors
- 400-499 For seniors and graduate students
- 500-600 For graduate students only

## Prerequisite

The prerequisite entry lists requirements which must be satisfied before a student registers for the course. These prerequisites may be listed in various ways. Usually they are other courses in the same department, indicated by a course number. A prerequisite in another department is indicated by the department's code letters and the number.

## Section Number, Time, and Days

The section number is indicated in the first column. The times given indicate the beginning and ending of each class period. Students registering for courses listed as "to be arranged" may obtain times and days from instructor indicated or, if no instructor is listed, from the department chairman offering the course.

## Building and Room Number

The following list of building abbreviations will help in the location of classrooms. Buildings are listed alphabetically according to the code used

in the class schedule. Temporary buildings are indicated in the schedule by a four-digit number.

If a building contains more than one classroom, then the number of the room follows the building's code name.

CODE:	BUILDING NAME	CODE:	BUILDING NAME
ABBOTT:	Abbott Hall (T.P.)	PARK:	Parkinson Building
AG:	Agriculture Building	NKRS A:	James W. Neckers Building A
ALLYN:	Allyn Building	NKRS B:	James W. Neckers Building B
ALTG:	Altgeld Hall	NKRS C:	James W. Neckers Building C
ARENA:	SIU Arena	PIERCE:	Pierce Hall (T.P.)
BAILEY:	Bailey Hall (T.P.)	PULL:	Pulliam Hall (University School)
BOAT:	Boat Dock	PULL I:	Pulliam Hall (Industrial Education Wing)
BROWN:	Brown Hall (T.P.)	PULL P:	Pulliam Hall (Physical Education Wing)
CENTER:	Student Center	SHRY:	Shryock Auditorium
CL:	General Classroom Building	STAD:	McAndrew Stadium
COMM:	Communications Building	TECH A:	Technology Building A
FANER:	Faner Hall	TECH B:	Technology Building B
FELTS:	Felts Hall (T.P.)	TECH D:	Technology Building D
GYM:	Gymnasium	TENNIS:	Tennis Courts
HDBALL:	Handball Courts	WARREN:	Warren Hall (T.P.)
H EC:	Home Economics Building	WHAM:	Wham Education Building
LAWSON:	Lawson Hall	WHLR:	Wheeler Hall
LAKE:	Lake on the Campus		
LIB:	Morris Library		
LG:	Little Grassy Lake		
LS I:	Life Science Building I		
LS II:	Life Science Building II		
L-APS:	Physical Plant (Building 56)		
OBF:	Old Baptist Foundation		

### *Temporary Buildings*

CODE	LOCATION	CODE	LOCATION
0403	1009 S. Forest	0551	CESL
0406	612 W. Grand	0552	CESL
0412	907 S. Forest	0555	Thompson at Grand
0415	807 S. Forest	0685	506 S. Graham
0427	905 W. Grand	0686	511 S. Graham
0429	1009 S. Elizabeth	0701	801 S. Washington
0431	1007 S. Elizabeth	0702	105 E. Grand
0432	1005 S. Elizabeth	0720	Corner of Washington and Park
0436	908 S. Forest	0721	East of 0720 on Park
0437	904 S. Forest	0725	207 E. Pearl
0438	900 S. Forest	0742	204 E. Park
0442	903 S. Elizabeth	0744	208 E. Park
0448	814 S. Forest	0831	Farm Machine Shop—between the James W. Neckers Building and the Forestry Research Laboratory
0451	810 S. Forest	0832	Next to 0831 (above)
0452	808 S. Forest	0833	Next to 0832 (above)
0453	806 S. Forest	0834	Next to 0833 (above)
0461	811 S. Elizabeth	0842	West of the Agriculture Building's north wing
0465	804 S. Elizabeth	0843	Next to 0842 (above)
0481	910 S. Elizabeth	0857	Department of Design—east of the Communications Building on Lincoln Drive
0483	1002 S. Elizabeth		
0485	1006 S. Elizabeth		
0486	1008 S. Elizabeth		
0487	1010 S. Elizabeth		
0495	600 W. Freeman		
0549	428 S. Washington		

0861	General Classrooms—southeast of the Communications Building on Lincoln Drive	0865	Next to 0864 (above)
0862	General Classrooms—next to 0861 (above)	0871	General Classrooms—southeast of the Communications Building on Lincoln Drive
0864	Northwest of the Agriculture Building's north wing	0875	General Classrooms—next to 0871
		0889	901 West Chautauqua

### Explanation of Entries

The entry for each course is arranged as follows:

First Line: The course's identification number is followed by the short title and the number of quarter hours of credit.

Second Line: The prerequisite (if applicable).

Section-Number Lines: The first column lists section numbers for courses offered. Following each section number are the time the class begins and the time it ends. The days on which the class meets, the place where it meets, and the instructor's last name complete the entry.



# SCHEDULE OF GENERAL STUDIES COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
<b>GSA General Studies Area A—Man's Physical Environment and Biological Inheritance</b>				
101	PHYSICS IN ENVIRON		04.0 CR	
1	08.00	M W F	PARK 124	NICKELL WILLIAM E
	08.00-09.50	T	PARK 317	VENABLE C WILLIAM
2	08.00	M W F	PARK 124	NICKELL WILLIAM E
	08.00-09.50	TH	PARK 317	VENABLE C WILLIAM
3	08.00	M W F	PARK 124	NICKELL WILLIAM E
	02.00-03.50	TH	PARK 200	IMAMI MAHMOOD
4	11.00	M W F	PARK 124	NICKELL WM E
	01.00-02.50	M	PARK 317	SOMOLINOS ALFREDO
5	11.00	M W F	PARK 124	NICKELL WM E
	08.00-09.50	W	PARK 317	SOMOLINOS ALFREDO
6	11.00	M W F	PARK 124	NICKELL WM E
	03.00-04.50	W	PARK 200	HIGHTOWER KENNETH R
7	12.00	M W F	PARK 124	NICKLE HARRY H
	03.00-04.50	T	PARK 317	IMAMI MAHMOOD
8	12.00	M W F	PARK 124	NICKLE HARRY H
	08.00-09.50	F	PARK 317	VENABLE C WILLIAM
9	12.00	M W F	PARK 124	NICKLE HARRY H
	03.00-04.50	TH	PARK 317	VENABLE C WILLIAM
10	03.00	M W F	PARK 124	NICKELL WM E
	11.00-12.50	T	PARK 200	HIGHTOWER KENNETH R
11	03.00	M W F	PARK 124	NICKELL WM E
	11.00-12.50	TH	PARK 200	VERMANI SATYENDRA K
12	03.00	M W F	PARK 124	NICKELL WM E
	06.00-07.50 PM	T	PARK 317	VERMANI SATYENDRA K
106	CHEM--NON-SCI MAJ		04.0 CR	
1	02.00	MT THF	NKRS B 240	
	02.00	W	NKRS B 240	
110	EARTH SCIENCE		04.0 CR -(ELECTIVE PASS/FAIL)	
1	09.00	M W F	PARK 124	FRANK CHARLES O
	10.00-11.50	M	PARK 213	
2	09.00	M W F	PARK 124	FRANK CHARLES O
	12.00-01.50	M	PARK 213	
3	09.00	M W F	PARK 124	FRANK CHARLES O
	02.00-03.50	M	PARK 213	
4	09.00	M W F	PARK 124	FRANK CHARLES O
	10.00-11.50	T	PARK 213	
5	09.00	M W F	PARK 124	FRANK CHARLES O
	12.00-01.50	T	PARK 213	
6	09.00	M W F	PARK 124	FRANK CHARLES O
	10.00-11.50	W	PARK 213	
7	09.00	M W F	PARK 124	FRANK CHARLES O
	02.00-03.50	TH	PARK 213	
8	09.00	M W F	PARK 124	FRANK CHARLES O
	08.00-09.50	W	PARK 213	
9	09.00	M W F	PARK 124	FRANK CHARLES O
	10.00-11.50	F	PARK 213	
10	09.00	M W F	PARK 124	FRANK CHARLES O
	06.00-07.50 PM	M	PARK 206	
11	09.00	M W F	PARK 124	FRANK CHARLES O
	10.00-11.50	M	PARK 206	
12	09.00	M W F	PARK 124	FRANK CHARLES O
	06.00-07.50 PM	W	PARK 213	
13	10.00	M W F	PARK 124	FRANK CHARLES O
	08.00-09.50	T	PARK 213	
14	10.00	M W F	PARK 124	FRANK CHARLES O
	02.00-03.50	T	PARK 213	
15	10.00	M W F	PARK 124	FRANK CHARLES O
	12.00-01.50	W	PARK 213	
16	10.00	M W F	PARK 124	FRANK CHARLES O
	12.00-01.50	TH	PARK 213	
17	10.00	M W F	PARK 124	FRANK CHARLES O
	08.00-09.50	TH	PARK 213	

18	10.00	M W F	PARK	124	FRANK CHARLES O
	02.00-03.50		F PARK	213	
19	10.00	M W F	PARK	124	FRANK CHARLES O
	12.00-01.50		F PARK	213	
20	10.00	M W F	PARK	124	FRANK CHARLES O
	04.00-05.50	M	PARK	213	
21	10.00	M W F	PARK	124	FRANK CHARLES O
	04.00-05.50	T	PARK	213	
22	10.00	M W F	PARK	124	FRANK CHARLES O
	02.00-03.50	W	PARK	213	
23	10.00	M W F	PARK	124	FRANK CHARLES O
	04.00-05.50	W	PARK	213	
24	10.00	M W F	PARK	124	FRANK CHARLES O
	04.00-05.50	TH	PARK	213	
25	02.00	M W F	PARK	124	BERTONI LOUIS
	04.00-05.50	F	PARK	213	
26	02.00	M W F	PARK	124	BERTONI LOUIS
	06.00-07.50 PM	T	PARK	213	
27	02.00	M W F	PARK	124	BERTONI LOUIS
	06.00-07.50 PM	TH	PARK	213	
28	02.00	M W F	PARK	124	
	06.00-07.50 PM	M	PARK	213	
29	02.00	M W F	PARK	124	BERTONI LOUIS
	08.00-09.50	M	PARK	213	
30	02.00	M W F	PARK	124	BERTONI LOUIS
	08.00-09.50	W	PARK	213	
31	02.00	M W F	PARK	124	BERTONI LOUIS
	12.00-01.50	T	PARK	213	
32	02.00	M W F	PARK	124	BERTONI LOUIS
	10.00-11.50	TH	PARK	213	
33	02.00	M W F	PARK	124	BERTONI LOUIS
	08.00-09.50 PM	W	PARK	213	
34	02.00	M W F	PARK	124	BERTONI LOUIS
	08.00-09.50	S	PARK	213	
35	02.00	M W F	PARK	124	BERTONI LOUIS
	02.00-03.50	TH	PARK	206	
36	02.00	M W F	PARK	124	BERTONI LOUIS
	10.00-11.50	W	PARK	206	
37	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	10.00-11.50	TH	PARK	206	
38	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	02.00-03.50	T	PARK	206	
39	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	12.00-01.50	TH	PARK	206	
40	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	04.00-05.50	M	PARK	206	
41	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	02.00-03.50	W	PARK	206	
42	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	08.00-09.50	W	PARK	206	
43	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	08.00-09.50	TH	PARK	206	
44	05.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	08.00-09.50	F	PARK	213	
45	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	08.00-09.50	M	PARK	213	
46	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	08.00-09.50	T	PARK	213	
47	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	08.00-09.50	TH	PARK	213	
48	06.00-07.25 PM	T TH	PARK	124	BERTONI LOUIS
	10.00-11.50	S	PARK	213	
115A	INTRODUCT BIOLOGY		04.0 CR		
1	09.00	M W F	LAWSON	171	YOPP JOHN
	10.00-11.50	M	LS II	423	
2	09.00	M W F	LAWSON	171	YOPP JOHN
	12.00-01.50	M	LS II	423	
3	09.00	M W F	LAWSON	171	YOPP JOHN
	08.00-09.50	T	LS II	423	
4	09.00	M W F	LAWSON	171	YOPP JOHN
	12.00-01.50	T	LS II	423	

5	09.00	M W F	LAWSON	171	YOPP JOHN
	08.00-09.50	TH	LS II	423	
6	09.00	M W F	LAWSON	171	YOPP JOHN
	10.00-11.50	TH	LS II	423	
7	09.00	M W F	LAWSON	171	YOPP JOHN
	06.00-07.50 PM	TH	LS II	423	
8	09.00	M W F	LAWSON	171	YOPP JOHN
	12.00-01.50	F	LS II	423	
9	09.00	M W F	LAWSON	171	YOPP JOHN
	02.00-03.50	M	LS II	423	
10	09.00	M W F	LAWSON	171	YOPP JOHN
	06.00-07.50 PM	M	LS II	423	
11	09.00	M W F	LAWSON	171	YOPP JOHN
	10.00-11.50	T	LS II	423	
12	09.00	M W F	LAWSON	171	YOPP JOHN
	02.00-03.50	W	LS II	423	
13	09.00	M W F	LAWSON	171	YOPP JOHN
	04.00-05.50	T	LS II	423	
14	01.00	M W F	LAWSON	141	
	04.00-05.50	M	LS II	423	
15	01.00	M W F	LAWSON	141	
	06.00-07.50 PM	T	LS II	423	
16	01.00	M W F	LAWSON	141	
	12.00-01.50	TH	LS II	423	
17	01.00	M W F	LAWSON	141	
	02.00-03.50	TH	LS II	423	
18	01.00	M W F	LAWSON	141	
	10.00-11.50	F	LS II	423	
19	01.00	M W F	LAWSON	141	
	08.00-09.50	F	LS II	423	
20	01.00	M W F	LAWSON	141	
	02.00-03.50	T	LS II	423	
21	01.00	M W F	LAWSON	141	
	04.00-05.50	TH	LS II	423	
22	01.00	M W F	LAWSON	141	
	02.00-03.50	F	LS II	423	
115B	INTRODUCT BIOLOGY		04.0	CR	
	PREREQ GSA 115A				
1	09.00	T TH	LS I	133	
	12.00-01.50	M F	LS II	257	
2	09.00	T TH	LS I	133	
	02.00-03.50	M F	LS II	257	
3	09.00	T TH	LS I	133	
	10.00-11.50	T TH	LS II	257	
4	09.00	T TH	LS I	133	
	12.00-01.50	T TH	LS II	257	
5	09.00	T TH	LS I	133	
	02.00-03.50	T TH	LS II	257	
6	09.00	T TH	LS I	133	
	06.00-07.50 PM	T TH	LS II	257	
7	09.00	T TH	LS I	133	
	08.00-09.50	W F	LS II	257	
8	09.00	T TH	LS I	133	
	10.00-11.50	W F	LS II	257	
9	09.00	T TH	LS I	133	
	04.00-05.50	T TH	LS II	257	
10	01.00	T TH	LAWSON	141	
	02.00-03.50	M F	LS II	269	
11	01.00	T TH	LAWSON	141	
	08.00-09.50	T TH	LS II	269	
12	01.00	T TH	LAWSON	141	
	10.00-11.50	T TH	LS II	269	
13	01.00	T TH	LAWSON	141	
	02.00-03.50	T TH	LS II	269	
14	01.00	T TH	LAWSON	141	
	06.00-07.50 PM	T TH	LS II	269	
15	01.00	T TH	LAWSON	141	
	08.00-09.50	W F	LS II	269	
16	01.00	T TH	LAWSON	141	
	10.00-11.50	W F	LS II	269	



17	01.00	T TH	LAWSON	141	
	04.00-05.50	T TH	LS II	269	
18	01.00	T TH	LAWSON	141	
	12.00-01.50	M F	LS II	269	
202	INTRO TO SPACE SCI		04.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00	TWTH	LAWSON	101	SANDERS FRANK C JR
	10.00	F	NKRS C	403	
	EVENING OBSERVATION	HOURS	TBA		
2	10.00	TWTH	LAWSON	101	BEEPS BRIAN L
	10.00	M	NKRS C	403	
	EVENING OBSERVATION	HOURS	TBA		
3	10.00	TWTH	LAWSON	101	WALKER RONALD E
	10.00	M	NKRS C	405	
	EVENING OBSERVATION	HOURS	TBA		
4	01.00	T	LAWSON	121	SANDERS FRANK C JR
	01.00	WTH	WHAM	302	SANDERS FRANK C JR
	01.00	F	NKRS C	407	
	EVENING OBSERVATION	HOURS	TBA		
5	01.00	T	LAWSON	121	SANDERS FRANK C JR
	01.00	WTH	WHAM	302	
	01.00	M	NKRS C	405	
	EVENING OBSERVATION	HOURS	TBA		
6	01.00	T	LAWSON	121	SANDERS FRANK C JR
	01.00	WTH	WHAM	302	
	01.00	F	NKRS C	405	
	EVENING OBSERVATION	HOURS	TBA		
7	02.00	T	LAWSON	101	BEEPS BRIAN L
	02.00	WTH	LAWSON	121	
	02.00	F	NKRS C	405	
	EVENING OBSERVATION	HOURS	TBA		
8	02.00	T	LAWSON	101	BEEPS BRIAN L
	02.00	WTH	LAWSON	121	
	02.00	M	NKRS C	407	
	EVENING OBSERVATION	HOURS	TBA		
9	02.00	T	LAWSON	101	BEEPS BRIAN L
	02.00	WTH	LAWSON	121	
	02.00	F	NKRS C	407	
	EVENING OBSERVATION	HOURS	TBA		
209	PRIN OF PHYSIOLOGY		04.0	CR	
1	10.00	M W F	LS I	133	WARNER ALEX
	03.00-04.50	M	LS II	149	
2	10.00	M W F	LS I	133	WARNER ALEX
	11.00-12.50	T	LS II	149	
3	10.00	M W F	LS I	133	WARNER ALEX
	11.00-12.50	TH	LS II	149	
4	10.00	M W F	LS I	133	WARNER ALEX
	03.00-04.50	F	LS II	149	
5	10.00	M W F	LS I	133	WARNER ALEX
	12.00-01.50	M	LS II	149	
6	10.00	M W F	LS I	133	WARNER ALEX
	08.00-09.50	F	LS II	149	
7	10.00	M W F	LS I	133	WARNER ALEX
	08.00-09.50	W	LS II	149	
8	10.00	M W F	LS I	133	WARNER ALEX
	02.00-03.50	W	LS II	149	
9	01.00	M W F	LS I	133	STRACK LOUIS E
	02.00-03.50	TH	LS II	149	
10	01.00	M W F	LS I	133	STRACK LOUIS E
	02.00-03.50	T	LS II	149	
11	01.00	M W F	LS I	133	STRACK LOUIS E
	08.00-09.50	M	LS II	149	
12	01.00	M W F	LS I	133	STRACK LOUIS E
	11.00-12.50	W	LS II	149	
13	01.00	M W F	LS I	133	STRACK LOUIS E
	08.00-09.50	T	LS II	149	
14	01.00	M W F	LS I	133	STRACK LOUIS E
	08.00-09.50	TH	LS II	149	
15	01.00	M W F	LS I	133	STRACK LOUIS E
	10.00-11.50	F	LS II	149	
16	01.00	M W F	LS I	133	STRACK LOUIS E
	10.00-11.50	S	LS II	149	

220A	SURVIVAL OF MAN		04.0 CR -(ELECTIVE PASS/FAIL)
1	09.00	MT TH	LAWSON 161
	08.00	TH	PARK 301
2	09.00	MT TH	LAWSON 161
	09.00	F	WHAM 321
3	09.00	MT TH	LAWSON 161
	10.00	M	AG 170
4	09.00	MT TH	LAWSON 161
	12.00	W	AG 144
5	09.00	MT TH	LAWSON 161
	01.00	W	AG 116
6	09.00	MT TH	LAWSON 161
	12.00	TH	AG 144
7	09.00	MT TH	LAWSON 161
	03.00	TH	AG 150
8	09.00	MT TH	LAWSON 161
	02.00	W	AG 152
9	09.00	MT TH	LAWSON 161
	04.00	TH	PARK 301
10	09.00	MT TH	LAWSON 161
	04.00	W	AG 150
11	10.00	MT TH	LAWSON 161
	08.00	M	AG 220
12	10.00	MT TH	LAWSON 161
	11.00	M	AG 152
13	10.00	MT TH	LAWSON 161
	11.00	W	COMM 1006
14	10.00	MT TH	LAWSON 161
	11.00	W	COMM 1022
15	10.00	MT TH	LAWSON 161
	12.00	F	AG 220
16	10.00	MT TH	LAWSON 161
	01.00	F	AG 220
17	10.00	MT TH	LAWSON 161
	01.00	W	AG 222
18	10.00	MT TH	LAWSON 161
	02.00	T	AG 150
19	10.00	MT TH	LAWSON 161
	03.00	W	WHAM 303
20	10.00	MT TH	LAWSON 161
	04.00	TH	AG 150
220B	SURVIVAL OF MAN		04.0 CR -(ELECTIVE PASS/FAIL)
1	02.00	MT TH	LAWSON 161
	08.00	W	PULL 41
2	02.00	MT TH	LAWSON 161
	02.00	F	AG 152
3	02.00	MT TH	LAWSON 161
	11.00	TH	AG 154
4	02.00	MT TH	LAWSON 161
	12.00	TH	AG 154
5	02.00	MT TH	LAWSON 161
	12.00	W	PULL 41
6	02.00	MT TH	LAWSON 161
	01.00	W	AG 154
7	02.00	MT TH	LAWSON 161
	01.00	T	AG 116
8	02.00	MT TH	LAWSON 161
	02.00	F	AG 220
9	02.00	MT TH	LAWSON 161
	03.00	TH	LS II 450
10	02.00	MT TH	LAWSON 161
	04.00	W	AG 170
11	03.00	MT TH	LAWSON 161
	08.00	W	AG 216
12	03.00	MT TH	LAWSON 161
	08.00	F	AG 222
13	03.00	MT TH	LAWSON 161
	10.00	TH	AG 170
14	03.00	MT TH	LAWSON 161
	11.00	F	AG 220

15	03.00	MT TH	LAWSON	161	
	12.00	M	AG	222	
16	03.00	MT TH	LAWSON	161	
	03.00	W	AG	154	
17	03.00	MT TH	LAWSON	161	
	03.00	F	AG	150	
18	03.00	MT TH	LAWSON	161	
	03.00	F	AG	148	
19	03.00	MT TH	LAWSON	161	
	04.00	T	AG	222	
20	03.00	MT TH	LAWSON	161	
	02.00	W	COMM	1021	
299D	SCIENCE-PROCS APPRO			04.0	CR
I	08.00-09.50	M W F	LS II	404	
302	BIOLOGICAL PSYCH			03.0	CR
	PREREQ NOT TAKE AFTER OR CONCUR WITH				
	PSYC 314-BIOL RECOMMEN				
1	11.00	T TH	WHAM	308	LEVITT ROBERT
	01.00-02.50	TH	LS II	69	
303	WILD FLOWERS			03.0	CR
1	08.00	T	LS II	450	
	08.00-11.50	W	LS II	480	
2	09.00	T	LS II	450	
	01.00-04.50	TH	LS II	480	
3	10.00	T	LS II	450	
	08.00-11.50	TH	LS II	480	
4	10.00	TH	LS II	450	
	08.00-11.50	T	LS II	480	
5	10.00	T	LS II	430	
	08.00-11.50	TH	LS II	424	
6	11.00	T	LS II	430	
	08.00-11.50	F	LS II	424	
7	01.00	M	LS II	450	
	01.00-04.50	W	LS II	480	
8	01.00	W	LS II	450	
	01.00-04.50	F	LS II	480	
312	CONS OF NATURAL RES			03.0	CR
1	01.00	M W F	LAWSON	151	LEFEBVRE EUGENE A
313	EVOLUTION			03.0	CR
1	11.00	M W F	LS II	350	STAINS H J
322	INTR TO ROCKS & MIN			03.0	CR -(ELECTIVE PASS/FAIL)
1	09.00	T TH	PARK	124	DUTCHER RUSSELL R
	04.00-05.50	TH	PARK	112	
2	09.00	T TH	PARK	124	DUTCHER RUSSELL R
	10.00-11.50	T	PARK	112	
3	09.00	T TH	PARK	204	DUTCHER RUSSELL R
	12.00-01.50	T	PARK	112	
4	09.00	T TH	PARK	124	DUTCHER RUSSELL R
	02.00-03.50	T	PARK	112	
330	WEATHER			03.0	CR
1	TO BE ARRANGED				
	ABOVE SECT IS CONDENSED MODULE LECTURE				

GSA 330, Section 1, is taught as a Condensed Module Lecture in the Self Instruction Center of Morris Library.

2	12.00-01.50	T	LAWSON	151	JONES DAVID
	01.00	W	AG	150	
3	12.00-01.50	T	LAWSON	151	JONES DAVID
	03.00	W	AG	150	
4	12.00-01.50	T	LAWSON	151	JONES DAVID
	08.00	TH	AG	150	
5	12.00-01.50	T	LAWSON	151	JONES DAVID
	10.00	TH	AG	150	
6	12.00-01.50	T	LAWSON	151	JONES DAVID
	12.00	TH	AG	150	
7	12.00-01.50	T	LAWSON	151	JONES DAVID
	02.00	TH	AG	150	
8	12.00-01.50	T	LAWSON	151	JONES DAVID
	08.00	F	AG	150	
9	12.00-01.50	T	LAWSON	151	JONES DAVID
	10.00	F	AG	150	



10	12.00-01.50	T	LAWSON	151	JONES DAVID
	11.00	F	AG	150	
335	ENVIR POLLUT- CHEM		03.0	CR	
	PREREQ GSA 106				
1	09.00	M W F	NKRS C	116	
340	ECOLOGY		03.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00	M W F	TECH A	111	STOTLER RAYMOND E
2	12.00	M W F	TECH A	111	STOTLER RAYMOND E
3	03.00	M W F	TECH A	111	ASHBY WILLIAM CLARK
356	CREAT IN SCI & TECH		04.0	CR	
1	04.00	MTWTH	TECH A	111	
361	ACOUSTICS OF MUSIC		03.0	CR	
1	11.00	M W F	LAWSON	151	GORDON RODERICK D

**GSB General Studies Area B—Man's Social Inheritance and Social Responsibilities**

103	GEOG MANS ENVIR		04.0	CR	
1	08.00	T TH	LAWSON	151	AREY DAVID G
	10.00	M W	AG	220	
2	08.00	T TH	LAWSON	151	AREY DAVID G
	11.00	M W	AG	220	
3	08.00	T TH	LAWSON	151	AREY DAVID G
	12.00	M W	AG	220	
4	08.00	T TH	LAWSON	151	AREY DAVID G
	01.00	M W	AG	220	
5	08.00	T TH	LAWSON	151	AREY DAVID G
	02.00	M W	AG	220	
6	08.00	T TH	LAWSON	151	AREY DAVID G
	03.00	M W	AG	220	
7	08.00	T TH	LAWSON	151	AREY DAVID G
	04.00	M W	AG	220	
8	08.00	T TH	LAWSON	151	AREY DAVID G
	08.00	M W	AG	222	
9	08.00	T TH	LAWSON	151	AREY DAVID G
	09.00	T TH	AG	220	
10	11.00	T TH	LAWSON	141	WELSH MICHAEL
	02.00	M W	AG	222	
11	11.00	T TH	LAWSON	141	WELSH MICHAEL
	03.00	M W	AG	222	
12	11.00	T TH	LAWSON	141	WELSH MICHAEL
	04.00	M W	AG	222	
13	11.00	T TH	LAWSON	141	WELSH MICHAEL
	08.00	T TH	AG	222	
14	11.00	T TH	LAWSON	141	WELSH MICHAEL
	09.00	T TH	AG	222	
15	11.00	T TH	LAWSON	141	WELSH MICHAEL
	10.00	T TH	AG	222	
16	11.00	T TH	LAWSON	141	WELSH MICHAEL
	12.00	T TH	AG	222	
17	11.00	T TH	LAWSON	141	WELSH MICHAEL
	01.00	T TH	AG	222	
18	11.00	T TH	LAWSON	141	WELSH MICHAEL
	12.00	W F	AG	222	
19	03.00	M W	LAWSON	141	
	10.00	T TH	AG	220	
20	03.00	M W	LAWSON	141	
	11.00	T TH	AG	220	
21	03.00	M W	LAWSON	141	
	12.00	T TH	AG	220	
22	03.00	M W	LAWSON	141	
	01.00	T TH	AG	220	
23	03.00	M W	LAWSON	141	
	02.00	T TH	AG	220	
24	03.00	M W	LAWSON	141	
	03.00	T TH	AG	220	
25	03.00	M W	LAWSON	141	
	04.00	T TH	AG	220	
26	03.00	M W	LAWSON	141	
	08.00	W F	AG	220	

27	03.00	M W	LAWSON	141	
	09.00	W F	AG	220	
104	MAN & HIS	WRLD-ANTH	04.0	CR	
1	08.00	M W F	LAWSON	141	GRIMES LARRY
	01.00	M	H EC	306	
2	08.00	M W F	LAWSON	141	GRIMES LARRY
	02.00	M	H EC	306	
3	08.00	M W F	LAWSON	141	GRIMES LARRY
	03.00	TH	H EC	306	
4	08.00	M W F	LAWSON	141	GRIMES LARRY
	04.00	TH	H EC	306	
5	08.00	M W F	LAWSON	141	GRIMES LARRY
	01.00	F	H EC	306	
6	08.00	M W F	LAWSON	141	GRIMES LARRY
	02.00	F	H EC	306	
7	08.00	M W F	LAWSON	141	GRIMES LARRY
	03.00	F	H EC	306	
8	08.00	M W F	LAWSON	141	GRIMES LARRY
	04.00	F	H EC	306	
9	08.00	M W F	LAWSON	141	GRIMES LARRY
	09.00	W	H EC	306	
10	08.00	M W F	LAWSON	141	GRIMES LARRY
	09.00	F	H EC	306	
11	08.00	M W F	LAWSON	141	GRIMES LARRY
	10.00	W	H EC	306	
12	08.00	M W F	LAWSON	141	GRIMES LARRY
	12.00	W	H EC	306	
13	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	08.00	M	H EC	306	
14	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	09.00	M	H EC	306	
15	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	10.00	M	H EC	306	
16	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	02.00	TH	H EC	306	
17	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	11.00	M	H EC	306	
18	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	11.00	T	H EC	306	
19	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	01.00	W	H EC	306	
20	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	02.00	W	H EC	306	
21	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	03.00	W	H EC	306	
22	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	04.00	W	H EC	306	
23	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	08.00	TH	H EC	306	
24	12.00	M W F	LAWSON	151	ALTSCHULER MILTON
	09.00	TH	H EC	306	
25	01.00	MTWTH	H EC	122	DARK PHILLIP
26	02.00	M W F	LAWSON	171	MARING JOEL
	08.00	T	H EC	306	
27	02.00	M W F	LAWSON	171	MARING JOEL
	09.00	T	H EC	106	
28	02.00	M W F	LAWSON	171	MARING JOEL
	10.00	T	H EC	306	
29	02.00	M W F	LAWSON	171	MARING JOEL
	11.00	W	H EC	306	
30	02.00	M W F	LAWSON	171	MARING JOEL
	12.00	T	H EC	306	
31	02.00	M W F	LAWSON	171	MARING JOEL
	01.00	T	H EC	306	
32	02.00	M W F	LAWSON	171	MARING JOEL
	02.00	T	H EC	306	
33	02.00	M W F	LAWSON	171	MARING JOEL
	03.00	T	H EC	306	
34	02.00	M W F	LAWSON	171	MARING JOEL
	04.00	T	H EC	306	

35	02.00	M W F	LAWSON	171	MARING JOEL
	10.00	TH	H EC	306	
36	02.00	M W F	LAWSON	171	MARING JOEL
	11.00	TH	H EC	306	
37	02.00	M W F	LAWSON	171	MARING JOEL
	12.00	TH	H EC	306	
105	CONTEMPORARY WORLD		04.0 CR		
1	09.00	M WTH	WHAM	105	ODAY EDWARD J
	09.00	T	H EC	201	
	ABOVE SECT RESTR TO PRESIDENTS SCHOLARS				
2	09.00	M WTH	WHAM	105	ODAY EDWARD J
	09.00	F	H EC	202	
3	09.00	M WTH	WHAM	105	ODAY EDWARD J
	01.00	TH	H EC	120	
4	09.00	M WTH	WHAM	105	ODAY EDWARD J
	01.00	W	PULL	41	
5	09.00	M WTH	WHAM	105	ODAY EDWARD J
	02.00	TH	H EC	104	
6	09.00	M WTH	WHAM	105	ODAY EDWARD J
	02.00	T	H EC	118	
7	09.00	M WTH	WHAM	105	ODAY EDWARD J
	11.00	TH	H EC	203	
8	09.00	M WTH	WHAM	105	ODAY EDWARD J
	11.00	M	PULL	41	
9	09.00	M WTH	WHAM	105	ODAY EDWARD J
	09.00	F	WHAM	210	
10	09.00	M WTH	WHAM	105	ODAY EDWARD J
	02.00	W	H EC	120	
11	09.00	M WTH	WHAM	105	ODAY EDWARD J
	11.00	T	H EC	203	
12	09.00	M WTH	WHAM	105	ODAY EDWARD J
	01.00	T	H EC	102	
13	11.00	MTW	LAWSON	171	GOLD ROBERT L
	08.00	T	H EC	120	
14	11.00	MTW	LAWSON	171	GOLD ROBERT L
	02.00	T	H EC	120	
15	11.00	MTW	LAWSON	171	GOLD ROBERT L
	02.00	M	PULL	39	
16	11.00	MTW	LAWSON	171	GOLD ROBERT L
	02.00	TH	H EC	206	
17	11.00	MTW	LAWSON	171	GOLD ROBERT L
	01.00	W	H EC	201	
18	11.00	MTW	LAWSON	171	GOLD ROBERT L
	01.00	T	H EC	202	
19	11.00	MTW	LAWSON	171	GOLD ROBERT L
	01.00	TH	PULL	310	
20	11.00	MTW	LAWSON	171	GOLD ROBERT L
	08.00	M	H EC	120	
21	11.00	MTW	LAWSON	171	GOLD ROBERT L
	08.00	TH	H EC	120	
22	11.00	MTW	LAWSON	171	GOLD ROBERT L
	08.00	W	H EC	202	
23	11.00	MTW	LAWSON	171	GOLD ROBERT L
	11.00	TH	PULL	310	
24	11.00	MTW	LAWSON	171	GOLD ROBERT L
	11.00	F	PULL	310	
109	INTRO-BLACK AMERICA		04.0 CR		
1	06.00-07.25 PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50	TH	WHAM	328	
2	06.00-07.25 PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50	TH	WHAM	303	
3	06.00-07.25 PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50	TH	PULL	41	
4	06.00-07.25 PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50	TH	PULL	310	
5	06.00-07.25 PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50	TH	PULL	318	
6	06.00-07.25 PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50	TH	AG	144	
7	06.00-07.25 PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50	TH	AG	218	



8	06.00-07.25	PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50		TH	WHAM	205	
9	06.00-07.25	PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50		TH	WHAM	301A	
10	06.00-07.25	PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50		TH	H EC	3	
11	06.00-07.25	PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50		TH	WHAM	212	
12	06.00-07.25	PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50		TH	NKRS A	458	
13	06.00-07.25	PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50		TH	TECH A	208	
14	06.00-07.25	PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50		TH	TECH A	221	
15	06.00-07.25	PM	M W	LAWSON	161	PATTERSON RUBY L
	03.00-04.50		TH	TECH A	222	
202	INTRO TO PSYCHOLOGY			04.0	CR	
1	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50		TH	PULL	119	
2	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50		TH	PULL	119	
3	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50		TH	PULL	119	
4	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	02.00-03.50		TH	PULL	119	
5	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	04.00-05.50		TH	PULL	119	
6	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	06.00-07.50	PM	TH	PULL	119	
7	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50		F	PULL	119	
8	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50		F	PULL	119	
9	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50		F	PULL	119	
10	11.00		M W	LAWSON	141	CARRIER NEIL ALAN
	02.00-03.50		F	PULL	119	
11	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50		TH	PULL	118	
12	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50		TH	PULL	118	
13	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50		TH	PULL	118	
14	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	02.00-03.50		TH	PULL	118	
15	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	04.00-05.50		TH	PULL	118	
16	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	06.00-07.50	PM	TH	PULL	118	
17	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50		F	PULL	118	
18	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50		F	PULL	118	
19	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50		F	PULL	118	
20	04.00		M W	LAWSON	141	CARRIER NEIL ALAN
	02.00-03.50		F	PULL	118	
21	06.00-07.50	PM	W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50		TH	PULL	39	
22	06.00-07.50	PM	W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50		TH	PULL	39	
23	06.00-07.50	PM	W	LAWSON	141	CARRIER NEIL ALAN
	12.00-01.50		TH	PULL	39	
24	06.00-07.50	PM	W	LAWSON	141	CARRIER NEIL ALAN
	02.00-03.50		TH	PULL	39	
25	06.00-07.50	PM	W	LAWSON	141	CARRIER NEIL ALAN
	04.00-05.50		TH	PULL	39	
26	06.00-07.50	PM	W	LAWSON	141	CARRIER NEIL ALAN
	06.00-07.50	PM	TH	PULL	39	
27	06.00-07.50	PM	W	LAWSON	141	CARRIER NEIL ALAN
	08.00-09.50		F	PULL	39	

28	06.00-07.50 PM	W	LAWSON	141	CARRIER NEIL ALAN
	10.00-11.50	F	PULL	39	
203	THE SOC PERSPECTIVE		04.0	CR -(ELECTIVE PASS/FAIL)	
1	09.00	W F	LAWSON	161	PATTERSON EDGAR I
	08.00	W F	WHAM	307	
2	09.00	W F	LAWSON	161	PATTERSON EDGAR I
	08.00	W F	WHAM	305	
3	09.00	W F	LAWSON	161	PATTERSON EDGAR I
	09.00	T TH	AG	154	
4	09.00	W F	LAWSON	161	PATTERSON EDGAR I
	09.00	M TH	WHAM	303	
5	09.00	W F	LAWSON	161	PATTERSON EDGAR I
	12.00	W F	LS II	250	
6	09.00	W F	LAWSON	161	PATTERSON EDGAR I
	01.00	W F	WHAM	329	
7	09.00	W F	LAWSON	161	PATTERSON EDGAR I
	02.00	W F	0720	116	
8	09.00	W F	LAWSON	161	PATTERSON EDGAR I
	03.00	W F	WHAM	305	
9	11.00	T TH	LAWSON	151	MCGLYNN EDWARD J
	08.00	M W	WHAM	303	
10	11.00	T TH	LAWSON	151	MCGLYNN EDWARD J
	08.00	M W	WHAM	205	
11	11.00	T TH	LAWSON	151	MCGLYNN EDWARD
	12.00	M TH	WHAM	203	
12	11.00	T TH	LAWSON	151	MCGLYNN EDWARD J
	12.00	M TH	WHAM	208	
13	11.00	T TH	LAWSON	151	MCGLYNN EDWARD
	01.00	M TH	GYM	203	
	ABOVE SECTION RESTR TO PRES SCHOLARS				
14	11.00	T TH	LAWSON	151	MCGLYNN EDWARD
	01.00	M TH	WHAM	329	
15	11.00	T TH	LAWSON	151	MCGLYNN EDWARD J
	02.00	M W	PARK	309	
16	11.00	T TH	LAWSON	151	MCGLYNN EDWARD J
	04.00	M W	WHAM	203	
17	03.00	M W	LAWSON	151	MEDDIN JAY
	08.00	T F	WHAM	205	
18	03.00	M W	LAWSON	151	MEDDIN JAY
	10.00	T F	WHAM	307	
19	03.00	M W	LAWSON	151	MEDDIN JAY
	11.00	W F	H EC	104	
20	03.00	M W	LAWSON	151	MEDDIN JAY
	12.00	W F	WHAM	208	
21	03.00	M W	LAWSON	151	MEDDIN JAY
	12.00	W F	LS II	450	
22	03.00	M W	LAWSON	151	MEDDIN JAY
	01.00	T F	WHAM	303	
23	03.00	M W	LAWSON	151	MEDDIN JAY
	02.00	W F	WHAM	317	
24	03.00	M W	LAWSON	151	MEDDIN JAY
	03.00	T F	WHAM	205	
211	POLITICAL ECONOMY		04.0	CR -(ELECTIVE PASS/FAIL)	
1	10.00	MTWTH	LAWSON	171	STALON CHARLES G
2	02.00	M W	WHAM	210	STALON CHARLES G
	02.00	T TH	WHAM	201	BLACKORBY CHARLES
212	AM GOVT & POLITICS		04.0	CR -(ELECTIVE PASS/FAIL)	
1	10.00	M W F	WHAM	105	JACKSON JOHN
	08.00	T	FANER	1024	
2	10.00	M W F	WHAM	105	JACKSON JOHN
	08.00	TH	FANER	1030	
3	10.00	M W F	WHAM	105	JACKSON JOHN
	09.00	T	FANER	1026	
4	10.00	M W F	WHAM	105	JACKSON JOHN
	09.00	T	FANER	1028	
5	10.00	M W F	WHAM	105	JACKSON JOHN
	09.00	TH	FANER	1026	
6	10.00	M W F	WHAM	105	JACKSON JOHN
	09.00	TH	FANER	1024	
7	10.00	M W F	WHAM	105	JACKSON JOHN
	10.00	T	FANER	1024	

8	10.00	M W F	WHAM	105	JACKSON JOHN
	10.00	T	FANER	1032	
9	10.00	M W F	WHAM	105	JACKSON JOHN
	10.00	TH	FANER	1032	
10	10.00	M W F	WHAM	105	JACKSON JOHN
	10.00	TH	FANER	1026	
11	10.00	M W F	WHAM	105	JACKSON JOHN
	11.00	T	FANER	1004	
12	10.00	M W F	WHAM	105	JACKSON JOHN
	11.00	TH	FANER	1004	
13	12.00	MT THF	WHAM	317	
14	02.00	M W F	WHAM	105	LONG SAMUEL L
	01.00	T	FANER	1032	
15	02.00	M W F	WHAM	105	LONG SAMUEL L
	01.00	T	FANER	1006	
16	02.00	M W F	WHAM	105	LONG SAMUEL L
	01.00	TH	FANER	1032	
17	02.00	M W F	WHAM	105	LONG SAMUEL L
	02.00	T	FANER	1028	
18	02.00	M W F	WHAM	105	LONG SAMUEL L
	02.00	T	WHAM	329	
19	02.00	M W F	WHAM	105	LONG SAMUEL L
	02.00	TH	LS II	146	
20	02.00	M W F	WHAM	105	LONG SAMUEL L
	02.00	TH	LS II	350	
21	02.00	M W F	WHAM	105	LONG SAMUEL L
	03.00	T	FANER	1006	
22	02.00	M W F	WHAM	105	LONG SAMUEL L
	03.00	TH	WHAM	112	
23	02.00	M W F	WHAM	105	LONG SAMUEL L
	03.00	TH	WHAM	321	
24	04.00	MTWTH	FANER	1026	
25	05.45-07.25	T TH	WHAM	317	
26	07.35-09.15 PM	M W	WHAM	317	
27	07.35-09.15 PM	T TH	WHAM	317	
220A	SURVIVAL OF MAN		04.0	CR -(ELECTIVE PASS/FAIL)	
1	09.00	MT TH	LAWSON	161	
	08.00	TH	PARK	301	
2	09.00	MT TH	LAWSON	161	
	09.00	F	WHAM	321	
3	09.00	MT TH	LAWSON	161	
	10.00	M	AG	170	
4	09.00	MT TH	LAWSON	161	
	12.00	W	AG	144	
5	09.00	MT TH	LAWSON	161	
	01.00	W	AG	116	
6	09.00	MT TH	LAWSON	161	
	12.00	TH	AG	144	
7	09.00	MT TH	LAWSON	161	
	03.00	TH	AG	150	
8	09.00	MT TH	LAWSON	161	
	02.00	W	AG	152	
9	09.00	MT TH	LAWSON	161	
	04.00	TH	PARK	301	
10	09.00	MT TH	LAWSON	161	
	04.00	W	AG	150	
11	10.00	MT TH	LAWSON	161	
	08.00	M	AG	220	
12	10.00	MT TH	LAWSON	161	
	11.00	M	AG	152	
13	10.00	MT TH	LAWSON	161	
	11.00	W	COMM	1006	
14	10.00	MT TH	LAWSON	161	
	11.00	W	COMM	1022	
15	10.00	MT TH	LAWSON	161	
	12.00	F	AG	220	
16	10.00	MT TH	LAWSON	161	
	01.00	F	AG	220	
17	10.00	MT TH	LAWSON	161	
	01.00	W	AG	222	



18	10.00	MT TH	LAWSON	161	
	02.00	T	AG	150	
19	10.00	MT TH	LAWSON	161	
	03.00	W	WHAM	303	
20	10.00	MT TH	LAWSON	161	
	04.00	TH	AG	150	
220B	SURVIVAL OF MAN		04.0	CR -(ELECTIVE PASS/FAIL)	
1	02.00	MT TH	LAWSON	161	
	08.00	W	PULL	41	
2	02.00	MT TH	LAWSON	161	
	02.00	F	AG	152	
3	02.00	MT TH	LAWSON	161	
	11.00	TH	AG	154	
4	02.00	MT TH	LAWSON	161	
	12.00	TH	AG	154	
5	02.00	MT TH	LAWSON	161	
	12.00	W	PULL	41	
6	02.00	MT TH	LAWSON	161	
	01.00	W	AG	154	
7	02.00	MT TH	LAWSON	161	
	01.00	T	AG	116	
8	02.00	MT TH	LAWSON	161	
	02.00	F	AG	220	
9	02.00	MT TH	LAWSON	161	
	03.00	TH	LS II	450	
10	02.00	MT TH	LAWSON	161	
	04.00	W	AG	170	
11	03.00	MT TH	LAWSON	161	
	08.00	W	AG	216	
12	03.00	MT TH	LAWSON	161	
	08.00	F	AG	222	
13	03.00	MT TH	LAWSON	161	
	10.00	TH	AG	170	
14	03.00	MT TH	LAWSON	161	
	11.00	F	AG	220	
15	03.00	MT TH	LAWSON	161	
	12.00	M	AG	222	
16	03.00	MT TH	LAWSON	161	
	03.00	W	AG	154	
17	03.00	MT TH	LAWSON	161	
	03.00	F	AG	150	
18	03.00	MT TH	LAWSON	161	
	03.00	F	AG	148	
19	03.00	MT TH	LAWSON	161	
	04.00	T	AG	222	
20	03.00	MT TH	LAWSON	161	
	02.00	W	COMM	1021	
299C	CHANGE WORLD WORK		04.0	CR -(MANDATORY PASS/FAIL)	
1	03.00-04.50	T TH	LAWSON	201	
300A	UNITED STATES HIST		03.0	CR	
1	11.00	M W F	WHAM	105	MURPHY JAMES
2	12.00	MT TH	LAWSON	101	ALLEN HOWARD W
3	02.00	M WTH	WHAM	302	AMMON HARRY
300B	UNITED STATES HIST		03.0	CR	
1	10.00	TWTH	WHAM	308	
2	01.00	M W F	WHAM	105	JAMES FELIX
300C	UNITED STATES HIST		03.0	CR	
1	01.00	TWTH	LAWSON	161	TRANI EUGENE
302	LAW- CIVIL RIGHTS		04.0	CR -(ELECTIVE PASS/FAIL)	
1	12.00	MTWTH	WHAM	112	WASBY STEPHEN L
306	CHILD DEVELOPMENT		03.0	CR	
1	08.00	M W F	LAWSON	151	FLYNN TIMOTHY M
2	12.00	M W F	H EC	140B	FLYNN TIMOTHY M
310A	CURRENT EVENTS		01.0	CR	
1	10.00	F	LAWSON	171	FORD JAMES L C
310B	CURRENT EVENTS		02.0	CR	
1	10.00	F	LAWSON	171	FORD JAMES L C
	10.00	M	COMM	1021	
2	10.00	F	LAWSON	171	FORD JAMES L C
	09.00	T	AG	170	

3	10.00		F	LAWSON	171	FORD JAMES L C
	10.00		W	AG	170	
4	10.00		F	LAWSON	171	FORD JAMES L C
	02.00		W	WHAM	208	
5	10.00		F	LAWSON	171	FORD JAMES L C
	11.00		T	AG	150	
6	10.00		F	LAWSON	171	FORD JAMES L C
	12.00		F	AG	148	
7	10.00		F	LAWSON	171	FORD JAMES L C
	01.00		TH	AG	170	
8	10.00		F	LAWSON	171	FORD JAMES L C
	03.00		T	AG	148	
311	ECON DEV OF W CIVIL			04.0	CR	-(ELECTIVE PASS/FAIL)
1	12.00		TWTHF	WHAM	329	ADAMS DONALD R
312	COMPAR ECON SYSTEMS			03.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 211A OR 215					
1	09.00		M W F	AG	116	FORD ARTHUR M
321	SOCIALIZAT OF INDIV			03.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00		M	LS II	250	KULMAN KENNETH
	10.00		T TH	AG	224	
2	11.00		MT F	AG	154	ROSSEL ROBERT
3	01.00		M W	PULL	118	
	01.00		F	LS II	350	
4	03.00		T THF	AG	224	HENDRIX LEWELLYN
325	RACE & MIN RELATION			03.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00		TWTH	GYM	203	BROOKS MELVIN S
2	11.00		TWTH	PARK	111	BROOKS MELVIN S
331	AMER ED SYSTEM			03.0	CR	
1	09.00		M W F	WHAM	319	
2	10.00		M W F	WHAM	319	
3	11.00		M W F	WHAM	319	
4	01.00		M W F	WHAM	319	
341	MARRIAGE-SOC INSTIT			03.0	CR	-(ELECTIVE PASS/FAIL)
1	08.00		M THF	PARK	111	
2	10.00		T THF	H EC	201	HENDRIX LEWELLYN
3	12.00		M THF	WHAM	206	
4	02.00		M TH	PARK	204	
	02.00		F	PARK	111	
345	INTR TO AM FGN POL			03.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00		M	WHAM	317	KLINGBERG FRANK L
	09.00		T TH	WHAM	208	KLINGBERG FRANK L
2	01.00		M WTH	WHAM	303	LANDECKER MANFRED
346	CONSUM CHOICE-BEHAV			03.0	CR	
1	01.00		MTW	H EC	203	CRYNES CAROLYN
355	GEOG OF U S			03.0	CR	
1	03.00		M W F	LAWSON	201	
385	CONTEMP POL IDEOLGI			03.0	CR	-(ELECTIVE PASS/FAIL)
1	01.00		M WTH	FANER	1006	KAMARASY EGON K
390	INTR TO COMP GOVT			04.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00		MT THF	FANER	1006	BHATTACHARYYA J
2	11.00		M WTHF	COMM	1021	HARDENBERGH WILLIAM

### GSC General Studies Area C—Man's Insights and Appreciations

100	MUSIC UNDERSTANDING			03.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00		M W F	LAWSON	151	NADAF
2	10.00		M W F	LAWSON	151	EDDINS
3	12.00		M W F	LAWSON	131	INTRAVAIA
101	ART APPRECIATION			03.0	CR	
1	12.00		M W F	LAWSON	161	MAVIGLIANO GEORGE J
102	PROB-MORAL DEC-PHIL			03.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00		T TH	WHAM	105	HOWIE JOHN
	08.00		TH	FANER	1032	
2	10.00		T TH	WHAM	105	HOWIE JOHN
	12.00		TH	FANER	1024	
3	10.00		T TH	WHAM	105	HOWIE JOHN
	08.00		W	FANER	1024	
4	10.00		T TH	WHAM	105	HOWIE JOHN
	02.00		TH	FANER	2008	

5	10.00	T TH	WHAM	105	HOWIE JOHN
	10.00	F	FANER	1004	
6	10.00	T TH	WHAM	105	HOWIE JOHN
	08.00	F	FANER	1026	
7	10.00	T TH	WHAM	105	HOWIE JOHN
	09.00	F	FANER	1004	
8	10.00	T TH	WHAM	105	HOWIE JOHN
	10.00	W	FANER	1030	
9	10.00	T TH	WHAM	105	HOWIE JOHN
	11.00	F	WHAM	205	
10	10.00	T TH	WHAM	105	HOWIE JOHN
	01.00	F	FANER	1026	
11	10.00	T TH	WHAM	105	HOWIE JOHN
	09.00	W	FANER	1024	
12	10.00	T TH	WHAM	105	HOWIE JOHN
	01.00	W	FANER	1030	
13	11.00	M W	LAWSON	161	SCHILPP PAUL A
	01.00	W	FANER	1024	
14	11.00	M W	LAWSON	161	SCHILPP PAUL A
	02.00	W	FANER	1026	
15	11.00	M W	LAWSON	161	SCHILPP PAUL A
	11.00	T	H EC	120	
16	11.00	M W	LAWSON	161	SCHILPP PAUL A
	08.00	TH	FANER	1028	
17	11.00	M W	LAWSON	161	SCHILPP PAUL A
	10.00	TH	FANER	1136	
18	11.00	M W	LAWSON	161	SCHILPP PAUL A
	11.00	F	WHAM	201	
19	11.00	M W	LAWSON	161	SCHILPP PAUL A
	11.00	F	WHAM	203	
20	11.00	M W	LAWSON	161	SCHILPP PAUL A
	12.00	TH	FANER	1136	
21	11.00	M W	LAWSON	161	SCHILPP PAUL A
	01.00	F	FANER	1006	
22	11.00	M W	LAWSON	161	SCHILPP PAUL A
	02.00	TH	H EC	208	
23	11.00	M W	LAWSON	161	SCHILPP PAUL A
	03.00	T	H EC	118	
24	11.00	M W	LAWSON	161	SCHILPP PAUL A
	08.00	F	H EC	202	
25	02.00	M W F	H EC	122	
ABOVE SECT RESTRICTED TO PRESIDENTS					
SCHOLARS					
107	MAN, LEISURE & REC		03.0 CR		
1	09.00	T THF	NKRS B	440	TAYLOR LOREN E
120A	ELEMENTARY CHINESE		03.0 CR		
1	10.00	T F	WHLR	107	TAI JAMES H-Y
	10.00	M	FANER	2206	TAI JAMES H-Y
	10.00	W	FANER	1025	TAI JAMES H-Y
2	01.00	M	WHLR	203	PUNG SHWU-CHEN GRACE
	01.00	T F	H EC	104	
	01.00	W	FANER	1025	
123A	ELEMENTARY FRENCH		03.0 CR		
1	08.00	M WTH	FANER	1026	
	08.00	F	FANER	1025	
2	09.00	T TH	H EC	122	
	09.00	F	H EC	120	
	09.00	M	FANER	1025	
3	11.00	TW F	PULL	41	
	11.00	TH	FANER	1025	
4	12.00	M W F	WHLR	207	
ABOVE SECT-SPECIAL READING					
5	12.00	M W F	FANER	1024	
	12.00	TH	FANER	1025	
6	01.00	MT TH	PULL	41	
	01.00	F	FANER	1025	
7	02.00	M WTH	WHLR	203	
	02.00	F	FANER	1025	
8	03.00	M W F	WHLR	207	
	03.00	T	FANER	1025	
RESTR TO STUDENTS WITH NO PREVIOUS FR					



9	06.00-07.25 PM	T TH	H EC	202	
	05.00	T	FANER	1025	
123B	ELEMENTARY FRENCH			03.0 CR	
	PREREQ GSC 123A				
1	11.00	M W	WHLR	107	
	11.00	TH	WHLR	207	
	11.00	F	FANER	1025	
2	12.00	TW F	FANER	2010	
	12.00	M	FANER	1025	
123C	ELEMENTARY FRENCH			03.0 CR	
	PREREQ GSC 123B				
1	11.00	TW	PULL	119	
	11.00	F	WHAM	329	
	11.00	TH	FANER	1025	
2	02.00	M WTH	WHLR	207	
	02.00	F	FANER	1025	
	SEE FR LISTING FOR FR CONVERSATION				
126A	ELEMENTARY GERMAN			03.0 CR	
1	08.00	M W F	WHLR	212	
	08.00	T	FANER	1025	
2	08.00	M W F	WHLR	214	
	08.00	T	FANER	1025	
3	09.00	M W F	WHLR	212	
	09.00	T	FANER	1025	
4	10.00	M W F	FANER	1026	
	10.00	TH	FANER	1025	
5	10.00	M W F	GYM	204	
	10.00	TH	FANER	1025	
6	12.00	MT F	WHLR	212	
	12.00	W	FANER	1025	
7	01.00	M W F	WHLR	212	
	01.00	T	FANER	1025	
8	02.00	M W F	FANER	1028	
	02.00	TH	FANER	1025	
9	02.00	M W F	WHLR	212	
	02.00	TH	FANER	1025	
10	03.00	M W F	FANER	1028	
	03.00	TH	FANER	1025	
11	03.00	M W F	WHLR	212	
	03.00	TH	FANER	1025	
12	07.35-09.00 PM	M W	PULL	41	
	07.30-08.20 PM	W	FANER	1025	
	SEE GER LISTING FOR GER CONVERSATION				
126B	ELEMENTARY GERMAN			03.0 CR	
	PREREQ GSC 126A				
1	12.00	MT TH	FANER	1028	
	12.00	W	FANER	1025	
2	04.00	M W F	FANER	1028	
	04.00	T	FANER	1025	
	SEE GER LISTING FOR GER CONVERSATION				
126C	ELEMENTARY GERMAN			03.0 CR	
	PREREQ GSC 126B				
1	08.00	MT F	FANER	1028	
	08.00	W	FANER	1025	
2	04.00	M W F	WHLR	107	
	04.00	T	FANER	1025	
	SEE GER LISTING FOR GER CONVERSATION				
130A	ELEM CLASSICAL GRK			03.0 CR	
1	10.00	M W F	WHLR	207	OBRIEN JOAN V
131A	ELEM JAPANESE			03.0 CR	
1	11.00	MT F	FANER	2010	
	11.00	W	FANER	1025	
133A	ELEMENTARY LATIN			03.0 CR	
1	11.00	MT THF	FANER	1030	
2	01.00	MT TH	WHLR	113	SPECK CHARLES W
	01.00	F	WHLR	107	SPECK CHARLES W
3	01.00	MT THF	WHLR	207	
135A	ELEM PORTUGUESE			03.0 CR	
1	TO BE ARRANGED				EKKER CHARLES
2	02.00	M	LS II	350	MCBRIDE MARIA
	02.00	T TH	WHLR	212	
	1 HR LAB TBA				

136A	ELEMENTARY RUSSIAN			03.0 CR
1	11.00	TW F	WHLR	207
	11.00	M	FANER	1025
2	02.00	T F	WHLR	207
	02.00	M	FANER	1025
	02.00	W	WHLR	113
3	06.00-07.25 PM	T TH	H EC	203
	07.35-08.25 PM	T	WHLR	18

SEE RUSS LISTING FOR RUSS CONVERSATION

140A	ELEMENTARY SPANISH			03.0 CR
1	08.00	M W F	H EC	104
	08.00	TH	FANER	1025
2	09.00	M W F	FANER	1028
	09.00	TH	FANER	1025
3	09.00	M W F	WHLR	214
	09.00	T	FANER	1025
4	10.00	M W F	FANER	1024
	10.00	T	FANER	1025
5	10.00	M W F	WHLR	214
	10.00	T	FANER	1025
6	10.00	M W	PULL	119
	10.00	F	PULL	316
	10.00	T	FANER	1025
7	11.00	M W F	WHLR	214
	11.00	T	FANER	1025
8	11.00	M W F	FANER	1032
	11.00	T	FANER	1025
9	12.00	M W F	H EC	104
	12.00	T	FANER	1025
10	12.00	M W F	WHLR	214
	12.00	T	FANER	1025
11	01.00	M	WHLR	214
	01.00	W F	WHLR	113
	01.00	TH	FANER	1025
12	01.00	M W F	FANER	2008
	01.00	T	FANER	1025
13	02.00	M WTH	FANER	1024
	02.00	T	FANER	1025
14	02.00	MT TH	WHLR	113
	02.00	W	FANER	1025
15	02.00	T TH	WHLR	214
	02.00	F	WHLR	113
	02.00	M	FANER	1025
16	03.00	MT TH	FANER	1024
	03.00	W	FANER	1025
17	03.00	M WTH	WHLR	214
	03.00	F	FANER	1025
18	06.00-07.25 PM	M W	H EC	120
	07.35-08.25 PM	W	FANER	1025

SEE SPAN LISTING FOR SPAN CONVERSATION

140B	ELEMENTARY SPANISH			03.0 CR
	PREREQ GSC 140A			
1	08.00	M THF	FANER	1024
	08.00	W	FANER	1025
2	09.00	M W F	WHLR	203
	09.00	TH	FANER	1025
3	12.00	MT TH	FANER	1026
	12.00	F	FANER	1025
4	03.00	MT TH	FANER	1032
	03.00	W	FANER	1025

SEE SPAN LISTING FOR SPAN CONVERSATION

140C	ELEMENTARY SPANISH			03.0 CR
	PREREQ GSC 140B			
1	08.00	T THF	WHLR	113
	08.00	M	FANER	1025
2	10.00	T THF	PULL	310
	10.00	M	FANER	1025
	ABOVE SECT-FOR STU WHO TOOK C140B SUM 73			
3	10.00	M W F	WHLR	113
	10.00	T	FANER	1025

4	11.00	T THF	WHLR	107	
	11.00	M	FANER	1025	
5	12.00	M W F	WHLR	113	
	12.00	T	FANER	1025	
	ABOVE SECT-FOR STU WHO TOOK C1408 SUM 73				
6	02.00	MT TH	FANER	1032	
	02.00	W	FANER	1025	
144A	ELEM ITAL			03.0 CR	
1	11.00	MT TH	FANER	2008	
	11.00	W	FANER	1025	
200	ORAL INTERP OF LIT			04.0 CR	
1	08.00	M W F	COMM	1020	
	08.00-09.50	F	COMM	1020	
2	08.00-09.50	T TH	COMM	1020	
3	10.00-11.50	T F	COMM	1020	
	ABOVE SECTION FOR SPEECH MAJORS				
4	12.00	T THF	COMM	1020	
	01.00	TH	COMM	1020	
	ABOVE SECTION FOR EL ED MAJORS				
5	01.00	MTW F	COMM	1020	
6	02.00	T THF	COMM	1020	
	03.00	F	COMM	1020	
7	02.00-03.50	M W	COMM	1020	
8	03.00-04.50	T TH	COMM	1020	
	ABOVE SECTION FOR ELED MAJORS				
9	05.30-07.30	T TH	COMM	1020	
10	05.30-07.30	M W	COMM	1020	
11	07.35-09.15 PM	T TH	COMM	1020	
201	INTRO TO DRAMA			03.0 CR	
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
1	08.00	M W F	0720	105	
2	10.00	M W F	0720	107	
3	12.00	M W F	WHAM	303	
4	02.00	M W F	0720	106	
5	03.00	M WTH	0720	104	
202	INTRO TO POETRY			03.0 CR	
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
1	08.00	T THF	0720	106	
2	11.00	M W F	0720	106	
3	12.00	M W F	0720	106	
4	01.00	MT TH	0720	107	DODD DIANA L
5	02.00	MT TH	0720	107	DODD DIANA L
	ABOVE SECTION RESTR TO PR S				
6	04.00	MT TH	FANER	1004	
203	DRAMA-ARTS OF THEA			03.0 CR	
1	09.00	T TH	COMM	1037	
	11.00	TH	COMM	1018	
2	09.00	T TH	COMM	1037	
	04.00	TH	COMM	1017	
3	09.00	T TH	COMM	1037	
	04.00	F	COMM	1017	
4	09.00	T TH	COMM	1037	
	01.00	TH	COMM	1017	
5	09.00	T TH	COMM	1037	
	01.00	F	COMM	1017	
6	09.00	T TH	COMM	1037	
	12.00	F	COMM	1017	
7	09.00	T TH	COMM	1037	
	12.00	TH	COMM	1018	
8	09.00	T TH	COMM	1037	
	02.00	F	COMM	1017	
9	09.00	T TH	COMM	1037	
	12.00	TH	COMM	1022	
10	09.00	T TH	COMM	1037	
	02.00	F	COMM	1018	
11	09.00	T TH	COMM	1037	
	03.00	F	AG	220	
12	09.00	T TH	COMM	1037	
	03.00	F	COMM	1018	



13	09.00	T TH	COMM	1037	
	10.00	F	COMM	1018	
14	09.00	T TH	COMM	1037	
	10.00	F	AG	222	
15	09.00	T TH	COMM	1037	
	11.00	F	COMM	1022	
16	09.00	T TH	COMM	1037	
	12.00	TH	COMM	2012	
17	09.00	T TH	COMM	1037	
	04.00	TH	COMM	1022	
18	09.00	T TH	COMM	1037	
	03.00	W	COMM	1021	
19	09.00	T TH	COMM	1037	
	03.00	F	AG	222	
20	09.00	T TH	COMM	1037	
	10.00	F	COMM	1022	
204	MEANING IN VIS ARTS		03.0	CR	
1	02.00	M W F	LAWSON	151	SULLIVAN JAMES E
205	MANS CONTEMP ENVIR		04.0	CR	
1	08.00-09.50	T	LAWSON	171	BUSCH LARRY
	08.00	THF	LAWSON	171	
2	11.00-12.50	T	LAWSON	161	BUSCH LARRY
	11.00	THF	LAWSON	161	
3	03.00-04.50	T	LAWSON	221	BUSCH LARRY
	03.00	THF	LAWSON	221	
206	NATURE-MUS EXPER		04.0	CR	
1	10.00	TWTHF	LAWSON	131	STROUD
207	PHIL OF BEAUTIFUL		03.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	11.00	TH	H EC	118	
2	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	08.00	F	FANER	1004	
3	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	10.00	W	FANER	1028	
4	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	10.00	W	PULL	41	
5	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	02.00	F	FANER	1026	
6	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	08.00	W	H EC	201	
7	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	12.00	F	FANER	1028	
8	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	08.00	W	FANER	1028	
9	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	04.00	T	FANER	1028	
10	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	02.00	F	FANER	1030	
11	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	03.00	TH	AG	152	
12	10.00	T TH	LAWSON	151	MCCLURE GEORGE T
	01.00	T	TECH A	308	
13	01.00	M W	H EC	208	
	02.00	T	H EC	208	
14	01.00	M W	H EC	208	
	02.00	TH	LS II	130	
208	LOGIC AND MEANING		04.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00	M W	LAWSON	141	KELLY MATTHEW J
	02.00	W F	FANER	1032	
2	09.00	M W	LAWSON	141	KELLY MATTHEW J
	03.00	T F	H EC	120	
3	09.00	M W	LAWSON	141	KELLY MATTHEW J
	10.00	W F	H EC	202	
4	09.00	M W	LAWSON	141	KELLY MATTHEW J
	10.00	T TH	TECH A	322	
5	09.00	M W	LAWSON	141	KELLY MATTHEW J
	08.00	T TH	H EC	202	
6	09.00	M W	LAWSON	141	KELLY MATTHEW J
	11.00	T TH	NKRS C	116	
7	09.00	M W	LAWSON	141	KELLY MATTHEW J
	12.00	W F	FANER	1030	

8	09.00	M W	LAWSON	141	KELLY MATTHEW J
	01.00	W F	GYM	203	
9	09.00	M W	LAWSON	141	KELLY MATTHEW J
	02.00	W	FANER	1006	
	02.00	F	FANER	1004	
10	09.00	M W	LAWSON	141	KELLY MATTHEW J
	03.00	W F	FANER	1032	
11	09.00	M W	LAWSON	141	KELLY MATTHEW J
	10.00	T F	WHAM	317	
12	09.00	M W	LAWSON	141	KELLY MATTHEW J
	01.00	T TH	TECH A	120	
13	02.00	T TH	LAWSON	171	
	11.00	W F	PULL	37	
14	02.00	T TH	LAWSON	171	
	12.00	W F	FANER	1026	
15	02.00	T TH	LAWSON	171	
	03.00	T F	FANER	1136	
16	02.00	T TH	LAWSON	171	
	11.00	WTH	H EC	120	
17	02.00	T TH	LAWSON	171	
	08.00	W F	H EC	203	
18	02.00	T TH	LAWSON	171	
	11.00	W F	TECH A	320	
19	02.00	T TH	LAWSON	171	
	03.00	T TH	H EC	102	
20	02.00	T TH	LAWSON	171	
	10.00	W F	H EC	120	
21	02.00	T TH	LAWSON	171	
	03.00	W F	FANER	1026	
22	02.00	T TH	LAWSON	171	
	08.00	WTH	H EC	122	
23	02.00	T TH	LAWSON	171	
	02.00	W F	LS II	228	
24	02.00	T TH	LAWSON	171	
	10.00	WTH	LS II	250	
209	MOD LIT FORM IDEA		04.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
1	08.00	MTWTH	0720	107	
2	09.00	MT THF	0720	108	
3	11.00	MT THF	0720	107	
4	12.00	TWTHF	WHAM	307	
5	01.00	MT THF	0720	102	
6	02.00	TW F	PULL	41	
	02.00	W	0720	109	
7	03.00	MT THF	0720	117	
210	INTRO TO FICTION		03.0 CR		
	PREREQ	SATISFACTORY COMPLETION OF GSD			
		101 & 102, OR EQUIV			
1	08.00	M W F	0720	109	
2	09.00	M W F	0720	109	
3	10.00	M W F	GYM	203	
4	11.00	M W F	GYM	204	
5	12.00	M WTH	GYM	204	
6	01.00	M WTH	0720	101	
7	02.00	M TH	0720	103	
	02.00	W	0720	108	
8	03.00	MT TH	0720	107	
9	04.00	M WTH	0720	101	
10	06.00-07.25 PM	M W	PULL	39	
215	TYPES OF RELIGION		04.0 CR -(ELECTIVE PASS/FAIL)		
1	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	09.00	W	WHAM	203	
2	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	10.00	W	WHAM	206	
3	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	09.00	F	WHAM	312	
4	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	04.00	T	WHAM	206	HAYWARD JOHN F
5	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	03.00	M	WHAM	321	

6	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	04.00	M	H EC	122	
7	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	03.00	W	WHAM	321	
8	12.00	T THF	NKRS B	440	HAYWARD JOHN F
	04.00	W	CL	328	
220A	SURVIVAL OF MAN		04.0 CR -(ELECTIVE PASS/FAIL)		
1	09.00	MT TH	LAWSON	161	
	08.00	TH	PARK	301	
2	09.00	MT TH	LAWSON	161	
	09.00	F	WHAM	321	
3	09.00	MT TH	LAWSON	161	
	10.00	M	AG	170	
4	09.00	MT TH	LAWSON	161	
	12.00	W	AG	144	
5	09.00	MT TH	LAWSON	161	
	01.00	W	AG	116	
6	09.00	MT TH	LAWSON	161	
	12.00	TH	AG	144	
7	09.00	MT TH	LAWSON	161	
	03.00	TH	AG	150	
8	09.00	MT TH	LAWSON	161	
	02.00	W	AG	152	
9	09.00	MT TH	LAWSON	161	
	04.00	TH	PARK	301	
10	09.00	MT TH	LAWSON	161	
	04.00	W	AG	150	
11	10.00	MT TH	LAWSON	161	
	08.00	M	AG	220	
12	10.00	MT TH	LAWSON	161	
	11.00	M	AG	152	
13	10.00	MT TH	LAWSON	161	
	11.00	W	COMM	1006	
14	10.00	MT TH	LAWSON	161	
	11.00	W	COMM	1022	
15	10.00	MT TH	LAWSON	161	
	12.00	F	AG	220	
16	10.00	MT TH	LAWSON	161	
	01.00	F	AG	220	
17	10.00	MT TH	LAWSON	161	
	01.00	W	AG	222	
18	10.00	MT TH	LAWSON	161	
	02.00	T	AG	150	
19	10.00	MT TH	LAWSON	161	
	03.00	W	WHAM	303	
20	10.00	MT TH	LAWSON	161	
	04.00	TH	AG	150	
220B	SURVIVAL OF MAN		04.0 CR -(ELECTIVE PASS/FAIL)		
1	02.00	MT TH	LAWSON	161	
	08.00	W	PULL	41	
2	02.00	MT TH	LAWSON	161	
	02.00	F	AG	152	
3	02.00	MT TH	LAWSON	161	
	11.00	TH	AG	154	
4	02.00	MT TH	LAWSON	161	
	12.00	TH	AG	154	
5	02.00	MT TH	LAWSON	161	
	12.00	W	PULL	41	
6	02.00	MT TH	LAWSON	161	
	01.00	W	AG	154	
7	02.00	MT TH	LAWSON	161	
	01.00	T	AG	116	
8	02.00	MT TH	LAWSON	161	
	02.00	F	AG	220	
9	02.00	MT TH	LAWSON	161	
	03.00	TH	LS II	450	
10	02.00	MT TH	LAWSON	161	
	04.00	W	AG	170	
11	03.00	MT TH	LAWSON	161	
	08.00	W	AG	216	



12	03.00	MT TH	LAWSON	161	
	08.00	F	AG	222	
13	03.00	MT TH	LAWSON	161	
	10.00	TH	AG	170	
14	03.00	MT TH	LAWSON	161	
	11.00	F	AG	220	
15	03.00	MT TH	LAWSON	161	
	12.00	M	AG	222	
16	03.00	MT TH	LAWSON	161	
	03.00	W	AG	154	
17	03.00	MT TH	LAWSON	161	
	03.00	F	AG	150	
18	03.00	MT TH	LAWSON	161	
	03.00	F	AG	148	
19	03.00	MT TH	LAWSON	161	
	04.00	T	AG	222	
20	03.00	MT TH	LAWSON	161	
	02.00	W	COMM	1021	
250A	ELEMENTARY ARABIC			05.0 CR	
1	02.00	MTWTHF	FANER	3010	
250G	ELEMENTARY VIET			05.0 CR	
	PREREQ LING 410				
1	09.00	MTWTHF	FANER	3010	NGUYEN DINH-HAO
	11.00	MTWTHF	FANER	2206	
317	RECENT AMER LIT			03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ SATISFACTORY COMPLETION OF GSD				
	101 & 102, OR EQUIV				
1	08.00	M W	0720	104	MARTIN JOAN
	08.00	F	0720	114	
2	09.00	M	GYM	203	HILLIARD LEWIS
	09.00	W F	0720	114	HILLIARD LEWIS
3	10.00	M W F	0720	106	WESHINSKEY ROY
4	11.00	M	0720	117	CASSIDY THOMAS E
	11.00	W F	0720	102	CASSIDY THOMAS E
5	12.00	M W F	0720	104	CASSIDY THOMAS E
6	01.00	T TH	LS II	430	SHRIBER MICHAEL
	01.00	F	LS II	450	SHRIBER MICHAEL
7	02.00	T TH	LS II	430	SHRIBER MICHAEL
	02.00	F	LS II	450	SHRIBER MICHAEL
8	03.00	TW F	0720	103	WHITEHEAD FRED
9	04.00	M W F	0720	106	LEONARD JOSEPH
10	06.00-07.15 PM	M W	WHAM	307	LEONARD JOSEPH
330	CLASSICAL MYTHOLOGY			03.0 CR	-(ELECTIVE PASS/FAIL)
1	01.00	M WTH	LAWSON	201	OBRIEN JOAN V
2	02.00	M WTH	LAWSON	201	OBRIEN JOAN V
335	THE SHORT STORY			03.0 CR	
	PREREQ GSD 102 OR EQUIV				
1	08.00	MT TH	0720	114	HARRELL ROBERT
2	09.00	MT TH	0720	114	HARRELL ROBERT
3	10.00	MT TH	0720	118	LAWSON RICHARD
4	01.00	M	PULL	39	MORRILL PAUL
	01.00	T TH	0720	106	MORRILL PAUL
5	02.00	M W F	WHLR	214	CASSIDY TOM
6	03.00	M TH	0720	103	LITTLE JUDY
	03.00	W	0720	109	LITTLE JUDY
349	THE CINEMA			03.0 CR	-(ELECTIVE PASS/FAIL)
1	02.00	W	LAWSON	141	BLUMENBERG RICHARD M
	07.00-10.00 PM	W	LAWSON	151	BLUMENBERG RICHARD M
	SCREENING FEE FIVE DOLLARS-NOT OPEN TO				
	C&P MAJORS				
365	SHAKESPEARE			03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ SATISFACTORY COMPLETION OF GSD				
	101 & 102, OR EQUIV				
1	01.00	T F	0720	118	WHITEHEAD FRED
	01.00	W	0720	108	WHITEHEAD FRED
2	03.00	MT TH	0720	109	TAYLOR LARRY
371	EVOLUTION OF JAZZ			03.0 CR	-(ELECTIVE PASS/FAIL)
1	11.00	M W F	LAWSON	131	BRANCH LONDON G
2	01.00	M W F	LAWSON	131	BRANCH LONDON G
3	02.00	M W F	LAWSON	131	BRANCH LONDON G

**GSD General Studies Area D—Organization and Communication of Ideas**

101	ENGLISH COMPOSITION		03.0 CR	
1	08.00	M W F	WHAM	312
2	08.00	MT TH	0720	103
3	08.00	M W F	TECH A	120
4	08.00	M W F	0720	116
5	08.00	M W F	0720	117
6	08.00	T TH	0720	116
	08.00	M	0720	108
7	08.00	MT TH	H EC	106
8	09.00	M W	0720	116
	09.00	F	0720	104
9	09.00	M W F	0720	118
10	09.00	T THF	0720	116
11	09.00	T TH	0720	105
	09.00	F	0720	107
12	09.00	M W	0720	107
	09.00	TH	0720	118
13	09.00	T TH	0720	117
	09.00	F	WHLR	113
14	10.00	M W F	0720	116
	ABOVE SECTION RESTR TODEVEL SKILLS			
15	10.00	M W F	0720	108
16	10.00	M W F	0720	117
17	10.00	M W	0720	102
	10.00	F	PULL	35
18	10.00	M W	0720	102
	10.00	F	H EC	104
19	10.00	M W	0720	102
	10.00	F	0720	118
20	10.00	M W	0720	102
	10.00	F	0720	103
21	11.00	MT TH	0720	102
22	11.00	M W F	GYM	203
23	11.00	M W F	0720	118
24	11.00	T TH	0720	118
	11.00	F	0720	114
25	11.00	M W F	0720	108
26	11.00	T	LS II	130
	11.00	THF	LS II	330
27	11.00	T THF	WHAM	312
28	12.00	TW F	PARK	301
29	12.00	M W F	0720	118
	ABOVE SECTION RESTR TODEVEL SKILLS			
30	12.00	M WTH	0720	114
31	12.00	M W	0720	117
	12.00	TH	0720	118
32	12.00	T THF	0720	117
33	12.00	M W F	0720	116
34	12.00	T	0720	106
	12.00	W F	0720	102
35	01.00	TW F	PULL	39
	ABOVE SECTION RESTR TODEVEL SKILLS			
36	01.00	T TH	0720	114
	01.00	M	WHAM	307
37	01.00	M W F	0720	114
38	01.00	M WTH	0720	116
39	01.00	M WTH	0720	117
40	01.00	M WTH	0720	118
41	01.00	T THF	0720	104
42	02.00	T TH	PARK	301
	02.00	F	GYM	204
43	02.00	T	0720	105
	02.00	W F	0720	107
44	02.00	T F	0720	118
	02.00	W	0720	102
45	02.00	M W F	TECH A	120
46	02.00	M WTH	0720	118
47	02.00	M W F	NKRS A	278

MOSS SIDNEY

MOSS SIDNEY

MOSS SIDNEY

MOSS SIDNEY

48	02.00	M W F	TECH A	122
49	03.00	TW F	0720	101
50	03.00	M TH	GYM	203
	03.00	W	0720	116
51	03.00	TW F	GYM	203
52	03.00	T THF	0720	116
53	03.00	M	0720	102
	03.00	W F	0720	105
54	03.00	T TH	0720	118
	03.00	F	0720	114
55	03.00	M W F	0720	118
56	04.00	T THF	0720	118
57	04.00	M W F	0720	117
58	04.00	M W F	0720	109
59	04.00	T TH	0720	116
	04.00	F	0720	114
60	04.00	MT TH	H EC	102
61	04.00	M W F	0720	108
62	04.00	M WTH	H EC	104
63	06.00-07.15 PM	M W	PULL	119
64	06.00-07.15 PM	T TH	PULL	41
65	07.35-09.00 PM	T TH	PULL	41
66	07.35-09.00 PM	M W	PULL	119
102	ENGLISH COMPOSITION			03.0 CR
	PREREQ GSD 101 OR THE APPROPRIATE ACT			
	SCORE			
1	08.00	M W	0720	106
2	08.00	TWTH	WHAM	319
	ABOVE SECTION IS HOLD SECTION			
3	08.00	M W F	PARK	301
4	08.00	T THF	0720	104
5	09.00	MT TH	0720	104
6	09.00	M W F	0720	105
	ABOVE SECTION IS HOLD SECTION			
7	09.00	M W F	PULL	41
8	10.00	T TH	0720	117
	10.00	F	0720	114
	ABOVE SECTION IS HOLD SECTION			
9	10.00	M W F	0720	104
10	10.00	MT TH	0720	105
	ABOVE SECTION RESTR TO DEVEL SKILLS			
11	10.00	T	0720	116
	10.00	W F	0720	105
12	11.00	T TH	H EC	208
	11.00	F	0720	116
	ABOVE SECTION IS HOLD SECTION			
13	11.00	TW F	0720	109
14	11.00	M TH	0720	109
	11.00	T	0720	103
15	11.00	TW F	0720	117
16	12.00	W F	0720	103
	12.00	T	0720	101
17	12.00	M W F	WHAM	319
	ABOVE SECTION IS HOLD SECTION			
18	12.00	M W F	0720	108
19	12.00	T TH	0720	108
	12.00	F	0720	107
20	01.00	T	0720	101
	01.00	W F	0720	106
21	01.00	M W F	PARK	301
22	01.00	T F	0720	117
	01.00	W	0720	105
23	01.00	M	0720	106
24	02.00	T THF	0720	104
	01.00	W F	0720	107
	ABOVE SECTION IS HOLD SECTION			
25	02.00	MT TH	0720	114
26	02.00	TW F	0720	103
27	02.00	M	0720	116
	02.00	W F	0720	114
28	03.00	M WTH	0720	108



29	03.00		TW F	H EC	201	
30	03.00		M W	0720	106	
	03.00		TH	0720	101	
ABOVE SECTION RESTR TO DEVEL SKILLS						
31	03.00		W F	0720	107	
	03.00		T	0720	106	
32	04.00		M	0720	105	
	04.00		T TH	0720	106	
33	04.00		MT TH	TECH A	408	
34	04.00		T F	0720	101	
	04.00		W	0720	103	
35	06.00-07.25 PM	M W		NKRS A	458	
36	07.35-09.00 PM	M W		NKRS A	458	
104	GRAMMAR IN LANGUAGE			03.0	CR	
1	10.00		T TH	LAWSON	201	KONNEKER BEVERLY
	10.00		M	AG	116	
2	10.00		T TH	LAWSON	201	
	10.00		F	AG	220	
3	10.00		T TH	LAWSON	201	
	09.00		F	AG	154	
4	01.00		T TH	LAWSON	131	
	01.00		M	AG	222	
5	01.00		T TH	LAWSON	131	
	01.00		F	AG	224	
6	01.00		T TH	LAWSON	131	
	12.00		TH	AG	148	
106	INTERMED ALGEBRA			00.0	CR	
1	08.00		TWTHF	0834	114A	
2	09.00		T TH	AG	150	
	09.00		W	AG	224	
	09.00		F	AG	166	
3	11.00		TWTHF	TECH A	310	
4	12.00		MTWTH	AG	224	
5	01.00		M	AG	150	
	01.00		W	AG	148	
	01.00		T TH	TECH A	422	
6	02.00		MTWTH	NKRS C	116	
7	04.00		MTWTH	NKRS C	116	
8	05.45-07.25		T TH	NKRS A	160	
107	BASIC COLLEGE MATH			05.0	CR	
	PREREQ	GSD 105	OR 1 YR H.S.	ALGEBRA		
1	08.00		T TH	NKRS C	218	
	08.00		M W F	AG	116	
2	08.00		MTWTHF	0834	114	
3	08.00		MTWTHF	AG	224	
4	08.00		MTWTHF	AG	144	
5	08.00		MTWTHF	AG	152	
6	09.00		M W	AG	216	
	09.00		T TH	0834	114	
	09.00		F	NKRS A	156	
7	09.00		M W	AG	222	
	09.00		T TH	NKRS A	156	
	09.00		F	AG	152	
8	09.00		M W	TECH A	420	
	09.00		T TH	TECH A	220	
	09.00		F	TECH A	420	
9	09.00		MTWTH	AG	152	
	09.00		F	AG	148	
10	10.00		M W	TECH D	131	
	10.00		T THF	AG	148	
11	10.00		MTWTHF	0834	114	
12	10.00		MTWTHF	AG	152	
13	10.00		MTWTHF	NKRS A	156	
14	12.00		MTWTHF	0834	114	
15	12.00		MTWTHF	NKRS A	156	
16	12.00		MTWTHF	TECH A	408	
17	12.00		MTWTHF	ARENA	121	
18	01.00		MTWTHF	AG	144	
19	01.00		MT THF	AG	148	
	01.00		W	TECH A	220	

20	01.00	M W F	AG	152
	01.00	T TH	NKRS A	156
21	02.00	MTWTHF	TECH A	310
22	02.00	MTWTHF	NKRS A	156
23	02.00	MTWTHF	NKRS A	160
24	02.00	MTWTHF	0834	114A
25	03.00	MTWTHF	0834	114A
26	03.00	MTWTHF	AG	116
27	03.00	MTWTHF	ARENA	121
28	03.00	MTWTHF	TECH A	420
29	04.00	MTWTHF	TECH A	422
30	04.00	MTWTHF	NKRS C	118
31	06.00-07.25 PM	M WTH	TECH A	410
32	06.00-07.25 PM	M WTH	TECH A	420
33	06.00-07.25 PM	M WTH	NKRS C	118
34	07.35-09.00 PM	M WTH	TECH A	222
110	ECON-BUS STATISTICS			03.0 CR -(ELECTIVE PASS/FAIL)
1	09.00	T THF	LAWSON	141 STOWE PETER
2	02.00	MT TH	LAWSON	141 STOWE PETER
152	INTERPERSONAL COMM			03.0 CR
1	08.00	M W F	COMM	1017
2	08.00	M W F	COMM	2012
3	08.00	T THF	COMM	1018
4	09.00	M W F	LS II	430
5	09.00	M W	COMM	2012
	09.00	F	COMM	1022
6	09.00	T TH	COMM	2012
	09.00	F	AG	222
7	10.00	T THF	COMM	1021
8	10.00	T THF	AG	154
9	10.00	M W F	LS II	430
10	11.00	T TH	AG	148
	11.00	F	AG	152
11	11.00	T TH	COMM	1017
	11.00	THF	AG	224
12	11.00	M W F	AG	150
	11.00	W F	AG	148
ABOVE RESTR TO PRES SCHOLAR				
13	01.00	T THF	AG	150
14	01.00	M W F	AG	170
15	02.00	M	AG	152
	02.00	W F	AG	116
16	02.00	T TH	AG	152
	02.00	F	AG	170
17	03.00	M W F	AG	152
18	03.00	T	AG	150
	03.00	THF	COMM	1017
19	03.00	M W F	COMM	2012
20	03.00	T TH	AG	170
	03.00	F	COMM	1022
21	04.00	M W F	COMM	2012
22	04.00	T THF	COMM	1006
23	04.00	M W F	COMM	1022
24	04.00	T THF	COMM	1018
25	06.00-07.25 PM	M W	COMM	1018
26	06.00-07.25 PM	T TH	COMM	1022
27	06.00-07.25 PM	M W	COMM	1017
28	06.00-07.25 PM	M W	COMM	1021
29	06.00-07.25 PM	T TH	COMM	1017
30	06.00-07.25 PM	T TH	COMM	1018
31	06.00-07.25 PM	M W	COMM	1022
32	07.35-09.00 PM	M W	COMM	1006
33	07.35-09.00 PM	T TH	COMM	1006
34	07.35-09.00 PM	M W	COMM	1017
35	07.35-09.00 PM	T TH	COMM	1022
36	07.35-09.00 PM	M W	COMM	2012
37	07.35-09.00 PM	T TH	COMM	1017
38	07.35-09.00 PM	T TH	COMM	1018
39	07.35-09.00 PM	M W	COMM	1022

153	PUBLIC COMM			03.0 CR	
1	08.00	M W	AG	150	
	08.00	F	COMM	1022	
2	09.00	M	LS II	250	
	09.00	W F	LS II	130	
3	10.00	T TH	COMM	1018	
	10.00	F	WHAM	321	
4	11.00	T THF	AG	222	
5	01.00	T THF	COMM	2012	
6	02.00	M W F	AG	144	
160	MASS COMM IN SOC			03.0 CR	
1	03.00	T THF	LAWSON	141	RUCKER

### GSE General Studies Area E—Human Health and Well Being

100	RESTRICTED P.E.—MEN			01.0 CR	—(ELECTIVE PASS/FAIL)
1	TO BE ARRANGED				GREENE NORMAN C
	RESTR TO CONSENT OF INSTR				
101A	SWIM-BEGINNING-MEN			01.0 CR	—(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR				
1	08.00	M W F	PULL P	61	DUMIN MICHAEL W
2	09.00	M W F	PULL P	61	DUMIN MICHAEL W
101B	SWIM-INTERMED-MEN			01.0 CR	—(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR				
1	10.00-11.30	T TH	PULL P	61	DUMIN MICHAEL
2	11.00-12.30	T TH	PULL P	61	SHEA EDWARD
101D	SKIN DIVING			01.0 CR	—(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR				
1	10.00-11.30	M W F	PULL P	61	CARROLL PETER J
	11.00	T TH	TECH A	420	CARROLL PETER J
	GSE 101D OPEN TO MEN & WOMEN, FIRST HALF OF TERM ONLY				
2	12.00-01.30	M W F	PULL P	61	CARROLL PETER J
	11.00	T TH	TECH A	420	CARROLL PETER J
101E	SCUBA DIVING			01.0 CR	—(ELECTIVE PASS/FAIL)
	PREREQ GSE 101D				
1	10.00-11.30	M W F	PULL P	61	CARROLL PETER J
	11.00	T TH	TECH A	420	CARROLL PETER J
	GSE 101E OPEN TO MEN & WOMEN, FIRST HALF OF TERM ONLY				
2	11.00-12.30	M W F	PULL P	61	CARROLL PETER J
	11.00	T TH	TECH A	420	CARROLL PETER J
101F	LIFE SAVING			01.0 CR	—(ELECTIVE PASS/FAIL)
	PREREQ PASS SPECIAL SWIMMING TEST				
1	12.00-01.30	M W F	PULL P	61	CARROLL PETER J
	12.00	T	ARENA	119	CARROLL PETER J
	GSE 101F OPEN TO MEN & WOMEN				
102	PHYSICAL FITNESS			02.0 CR	—(ELECTIVE PASS/FAIL)
1	10.00-11.30	M W	ARENA	555	ACKERMAN KENNETH J
2	11.00-12.30	T TH	ARENA	555	ELLIS WALTER T
3	02.00	M W F	PULL	102	CARROLL PETER
103A	SQ AND SOCIAL DANCE			01.0 CR	—(ELECTIVE PASS/FAIL)
1	02.00	M W F	GYM	114	
	CROSSLISTED WITH GSE 113A				
104A	ARCHERY- MEN			01.0 CR	—(ELECTIVE PASS/FAIL)
1*	01.00-02.50	T TH	ARENA	555	ELLIS WALTER T
	GSE 104A MEETS FIRST 8 WKS ONLY				
2*	03.00-04.50	T TH	ARENA	555	
104B	BADMINTON- MEN			01.0 CR	—(ELECTIVE PASS/FAIL)
1	01.00-02.30	T F	PULL	102	STOTLAR JOHN W
	GSE 104B OPEN TO BOTH MEN AND WOMEN				
104D	BOWLING- MEN			01.0 CR	—(ELECTIVE PASS/FAIL)
1	10.00-11.30	M W	CENTER	103	ELLIS WALTER
2	12.00-01.30	T TH	CENTER	103	DUMIN MICHAEL
	FEE REQUIRED FOR GSE 104D				
104E	GOLF- MEN			01.0 CR	—(ELECTIVE PASS/FAIL)
1*	11.00-12.50	M W	ARENA	555	OKITA TED
	GSE 104E OPEN TO MEN AND WOMEN, FIRST 8 WK ONLY				



2*	02.00-03.50	T TH	ARENA	555	DUTLER DAVID
	GSE 104E MEETS FIRST 8 WKS ONLY				
104F	SOCCER- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1	08.00	M WTH	ARENA	555	ELLIS WALTER T
104H	TENNIS- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1*	01.00-02.50	T TH	TENNIS	100	GOOD LARRY
2	01.00-02.50	M W	TENNIS	100	
	MEETS FIRST 8 WKS ONLY-FEE REQ				
104I	VOLLEYBALL- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1*	01.00-02.50	M W	ARENA	555	WILKINSON JAMES J
	GSE 104I MEETS FIRST 8 WKS ONLY				
104J	SOFTBALL- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1*	01.00-02.50	T TH	ARENA	555	
	GSE 104J MEETS FIRST 8 WKS ONLY				
104N	CROSS COUNTRY- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1	11.00	M W F	ARENA	555	KNOWLTON RONALD G
104Q	FLY & BAIT CAST-MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00	MT TH	ARENA	555	FRANKLIN CECIL C
	MUST FURNISH OWN FLY OR SPIN CAST EQUIP-				
	MEETS 1ST 8WKS				
104T	TOUCH FOOTBALL- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1*	11.00-12.50	T TH	ARENA	555	
	GSE 104T MEETS FIRST 8 WKS ONLY				
104W	JUDO- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1	11.00-12.30	M W	ARENA	555	FRANKLIN CECIL C
104X	HANDBALL- MEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1*	02.00-03.50	M W	HDBALL	100	DUTLER DAVID
	GSE 104X MEETS FIRST 8 WKS ONLY-FEE REQ				
2*	03.00-04.50	T TH	HDBALL	100	GOOD LARRY
	GSE 104X MEETS FIRST 8 WKS ONLY, FEE REQ				
105	WEIGHT CONTROL		01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR				
1	10.00	M W F	ARENA	555	KNOWLTON RON
106	UNIV ORIENTEERING		01.0	CR	-(ELECTIVE PASS/FAIL)
1	01.00-03.50	F	ARENA	119	ACKERMAN KENNETH J
111A	SWIM-BEGIN-WOMEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1	01.00-02.30	T TH	PULL P	61	
	T-TH SECT FOR CONT ED FOR WOMEN				
2	01.00	M W F	PULL P	61	
111B	SWIM-INTERMED-WOMEN		01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSE 111A OR EQUIVALENT				
1	02.00	M W F	PULL P	61	
111D	SKIN DIVING- WOMEN		01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				CARROLL PETER J
	SEE PEM GSE FOR REGISTRATION				
111E	SCUBA DIVING-WOMEN		01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSE 111D				
1	TO BE ARRANGED				CARROLL PETER J
	SEE PEM GSE FOR REGISTRATION				
111F	LIFE SAVING		01.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ PASS SPECIAL SWIMMING TEST				
1	TO BE ARRANGED				CARROLL PETER J
	SEE PEM GSE FOR REGISTRATION				
112	EXERCISE- FITNESS		01.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00-11.30	T TH	GYM	207	
2	11.00-12.30	T TH	GYM	207	
	11:00 SECT FOR CONT ED FOR WOMEN				
113A	SQUARE DANCE-WOMEN		01.0	CR	-(ELECTIVE PASS/FAIL)
1	02.00	M W F	GYM	114	
	CROSSLISTED WITH GSE 103A				
113D	BEGIN CONTEMP DANCE		01.0	CR	-(ELECTIVE PASS/FAIL)
1	09.00-10.30	T TH	PULL	42	
2	01.00-02.30	T TH	GYM	208	
114A	ACTIVITY- ARCHERY		01.0	CR	-(ELECTIVE PASS/FAIL)
1	02.00-03.45	T TH	GYM	208	
	GSE 114A MEETS FIRST 8 WKS ONLY				
114B	ACTIVITY- BADMINTON		01.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00	M W F	GYM	207	
2	11.00	M W F	GYM	207	WEST CHARLOTTE
	ABOVE SECTION OPEN TO MEN & WOMEN				

114D	ACTIVITY- BOWLING		01.0 CR -(ELECTIVE PASS/FAIL)
1	09.00	M W F	CENTER 103A
2	11.00	M W F	CENTER 103A
	FEE REQUIRED FOR GSE 114D		
3	12.00	M W F	CENTER 103A BRECHTELSBAUER KAY
	12:00 SECT OPEN TO MEN AND WOMEN		
114H	ACTIVITY- TENNIS		01.0 CR -(ELECTIVE PASS/FAIL)
1	11.00-12.30	MTWTH	GYM 114
	GSE 114H MEETS FIRST 6WKS ONLY		
2	01.00-02.30	MTWTH	GYM 114 COTTEN SARAH ELLEN
	1:00 SECTION OPEN TO MEN AND WOMEN		
114I	ACTIVITY-VOLLEYBALL		01.0 CR -(ELECTIVE PASS/FAIL)
1	01.00	M W F	GYM 208
2	02.00	M W F	GYM 208
114K	HORSEBACK RIDING		01.0 CR -(ELECTIVE PASS/FAIL)
1	09.00-10.50	T TH	101 ILLNER JULEE
2	11.00-12.50	T TH	101 COTTEN SARAH ELLEN
	GSE 114K MEETS FIRST 6 WKS		
114M	ACTIVITY- FENCING		01.0 CR -(ELECTIVE PASS/FAIL)
1	10.00-11.30	T TH	GYM 114
114P	ACTIVITY-GYM & TUMB		01.0 CR -(ELECTIVE PASS/FAIL)
1	03.00-04.30	T TH	GYM 207 POTTER MARY K
201	HEALTHFUL LIVING		03.0 CR
1	08.00	MT F	ARENA 123
2	08.00	M W F	ARENA 121
3	08.00	M W F	TECH A 222
4	08.00	M W F	TECH A 310
5	08.00	T TH	TECH A 222
	08.00	F	ARENA 119
6	08.00	M W F	TECH A 308
7	09.00	T TH	TECH A 308
	09.00	F	AG 216
8	09.00	M W	TECH A 222
	09.00	F	ARENA 119
9	09.00	M W F	TECH A 308
10	09.00	T THF	TECH A 222
11	09.00	M W	H EC 118
	09.00	F	ARENA 121
12	09.00	T THF	H EC 118
13	09.00	T THF	H EC 102
14	10.00	M W	AG 150
	10.00	F	AG 216
15	11.00	W F	NKRS A 160
	11.00	M	TECH A 310
16	11.00	MT TH	TECH A 320
17	11.00	MT TH	NKRS A 160
18	11.00	T TH	ARENA 123
	11.00	F	ARENA 121
19	12.00	M W	TECH A 308
	12.00	F	ARENA 123
20	12.00	M W	TECH A 222
	12.00	TH	TECH A 208
21	12.00	M W	H EC 118
	12.00	TH	H EC 102
22	12.00	T TH	TECH A 320
	12.00	F	TECH A 410
23	12.00	M W F	COMM 1021
24	12.00	T THF	TECH A 308
25	12.00	T THF	TECH A 222
26	01.00	T THF	TECH A 310
27	01.00	M W	TECH A 310
	01.00	F	ARENA 121
28	01.00	M W F	TECH A 308
29	01.00	M WTH	H EC 102
30	01.00	T THF	TECH A 222
31	01.00	M W	TECH A 222
	01.00	TH	ARENA 123
32	02.00	M W F	ARENA 121
33	02.00	T TH	ARENA 121
	02.00	F	ARENA 125
34	03.00	M W F	ARENA 123

35	06.00-07.25 PM	M W	TECH A	408	
36	06.00-07.25 PM	T TH	TECH A	408	
236	NUTRITIONAL ECOLOGY		03.0 CR	-(ELECTIVE PASS/FAIL)	
1	08.00	M W F	WHAM	105	WOLFE POHLE H
2	09.00	M W F	H EC	203	
3	10.00	M W F	H EC	1408	KONISHI FRANK
4	01.00	M W F	PARK	124	
5	03.00	M W F	H EC	203	
240	HUM REL BETWN SEXES		03.0 CR		
1	06.30-09.30 PM	T	TECH A	111	LEFEVRE JOHN R
245	PLANTS FOR MAN		03.0 CR		
1	11.00	M W F	LAWSON	201	STUCKY DONALD J

## SCHEDULE OF DEPARTMENTAL COURSES

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR	
ACCT      Accounting					
250	ACCT FUNDAMENTALS		04.0 CR	-(ELECTIVE PASS/FAIL)	
1	12.00	MTWTH	LAWSON	231	KOZOMAN RONALD L
2	04.00	MTWTH	LAWSON	231	
251A	ACCT PRIN & CONTROL		04.0 CR		
	PREREQ      SOPHOMORE STANDING				
1	08.00	MT THF	CL	18	WOELFEL
	SEVERAL 1-HR EXAMS WILL BE SCHED 5:00 PM DURING QTR				
2	09.00	MT THF	LAWSON	231	ROZANSKI EUGENE
3	10.00	MT THF	CL	12	BARRON MARY NOEL
4	10.00-11.50	F	CL	18	VANMETER GARY L
	10.00-11.50	W	CL	12	
5	11.00	MT THF	LAWSON	231	WOELFEL
6	12.00	MTWTH	CL	18	
7	01.00	MTWTH	CL	18	KOZOMAN RONALD L
8	02.00	MTWTH	LAWSON	231	
9	05.45-07.25	T TH	CL	12	BURGER CLIFFORD
251B	ACCT PRIN & CONTROL		04.0 CR		
	PREREQ      ACCT 251A				
1	08.00	MT THF	LAWSON	231	ERIKSEN DOUGLAS
	SEVERAL 1-HR EXAMS WILL BE SCHED 5:00 PM DURING QTR				
2	10.00	MT THF	LAWSON	231	ERIKSEN DOUGLAS C
3	01.00	MTWTH	LAWSON	231	VANMETER GARY L
4	03.00	MTWTH	LAWSON	231	VANMETER GARY L
261	MANAGEMENT ACCT		04.0 CR		
	PREREQ      GSD 107 AND ACCT 251B				
1	11.00	MT THF	CL	12	ERIKSEN DOUGLAS C
331	TAX ACCOUNTING		04.0 CR		
	PREREQ      ACCT 251B				
1	08.00	MT THF	CL	12	BARRON MARY NOEL
2	12.00	MT THF	CL	12	BARRON MARY NOEL
341	COST ACCOUNTING		04.0 CR		
	PREREQ      ACCT 251B				
1	11.00	MTWTH	CL	18	TUCKER MARVIN W JR
2	04.00	MTWTH	CL	12	TUCKER MARVIN W JR
351A	INTERMEDIATE ACCT		04.0 CR		
	PREREQ      ACCT 251B				
1	09.00	MT THF	CL	12	WRIGHT
2	01.00	MT THF	CL	12	ROZANSKI EUGENE R
3	02.00	MT THF	CL	12	ROZANSKI EUGENE R
351B	INTERMEDIATE ACCT		04.0 CR		
	PREREQ      ACCT 351A				
1	09.00	MT THF	CL	18	WOELFEL CHARLES J
2	02.00	MTWTH	CL	18	BOOKER JON A
410	ACCOUNTING CONCEPTS		04.0 CR		
	PREREQ      GRADUATE STUDENTS ONLY				
1	03.00	MT THF	CL	12	WRIGHT



442	ADV COST ACCOUNTING			04.0 CR	
	PREREQ	ACCT 341			
1	03.00	MTWTH	CL	18	SCHMIDLEIN EDWARD J
455	ACCT FOR PUBL ORG			04.0 CR	
	PREREQ	ACCT 251B OR EQUIV			
1	04.00	MTWTH	CL	18	SWICK RALPH DALE
456	AUDITING			04.0 CR	
	PREREQ	ACCT 341, 351B			
1	10.00	MTWTH	CL	18	BOOKER JON A
<b>ADSC Administrative Sciences</b>					
170	INTRO TO BUS ADMIN			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	FRESHMEN & SOPHOMORES ONLY			
1	10.00	MTWTHF	CL	328	DEHOFF JOHN ALPHEUS
2	05.45-07.25	M W	CL	328	DEHOFF JOHN ALPHEUS
301	MGT & SUPERVISION			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 202, OR EQUIV, OR CONSENT OF INSTR			
1	01.00-02.50	T F	LAWSON	201	WESTBERG WILLIAM C
302	ADMIN COMM IN BUS			04.0 CR	
	PREREQ	GSD 102, ACCT 250 OR 251A, OR MGT 170 OR 340 OR EQUIV			
1	04.00	MT THF	CL	328	FOHR JOHN M
303	BEHAV SCIENCE-BUS			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSD 110 OR GSB 202, 203 OR EQUIV OR CONSENT OF INSTR			
1	10.00	MT THF	LAWSON	121	VICARS WILLIAM M
	CROSSLISTED WITH MKTG 303				
2	01.00	M	LAWSON	101	MOORE
	01.00	TWTH	LAWSON	221	
	CROSS-LISTED WITH MKTG 303				
3	03.00	MTWTH	LAWSON	121	JAMES DONALD L
	CROSSLISTED WITH MKTG 303				
4	05.47-07.25	M W	LAWSON	101	HUNT
	CROSS-LISTED WITH MKTG 303				
340	BUS ORG AND MGT			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 202, 203 OR EQUIV-JR STAND OR CONSENT OF INSTR			
1	03.00	MTWTHF	WHAM	105	BATEMAN DAVID N
2	05.45-07.25	T TH	LAWSON	141	BATEMAN DAVID N
341	ORGANIZ BEHAVIOR I			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	340, GSD 110 OR EQUIV OR CONSENT OF INSTR			
1	10.00-11.50	W	WHAM	210	LARSON LARS L
	10.00-11.50	F	WHAM	228	
2	02.00-03.50	W F	PULL	39	LARSON LARS L
345	INTRO MGT INFO SYS			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	ADSC 340 OR FIN 320 OR MKTG 301, CS 202			
1	08.00-09.50	T TH	TECH A	208	LIPP DAVID
351A	METH-QUAN ANAL CALC			02.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00-09.50	T TH	CL	326	BUSSOM ROBERT
	08.00-09.50	W	CL	328	
351B	METH-QUAN ANAL ALGE			02.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00-09.50	T TH	CL	326	BUSSOM ROBERT
	08.00-09.50	W	CL	328	
351C	QUAN ANAL PROB-STAT			02.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00-09.50	T TH	CL	326	BUSSOM ROBERT
	08.00-09.50	W	CL	328	
361	RESEARCH IN BUS ADM			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	ADSC 340, ECON 308			
1	12.00-01.50	T TH	AG	152	LIPP DAVID A
380	PRODUCTION MGT			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	ADSC 340, 345, MATH 140A OR EQUIV OR CONSENT OF INSTR			
1	09.00-10.50	T TH	AG	216	BUSSOM ROBERT
382	PERF STAND&METH IMP			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	ADSC 340 OR CONSENT OF INSTR			
1	11.00-12.50	T TH	LAWSON	131	VICARS WILLIAM M

385 PERSONNEL MGT 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, GSD 110 OR EQUIV OR  
 CONSENT OF INSTR

1 02.00-03.50 W LAWSON 221 BISHOP RONALD C  
 02.00-03.50 F LAWSON 231

440 THE MGT PROCESS 04.0 CR  
 PREREQ RESTRICTED TO GRADS WHO HAVE N  
 OT TAKEN 340 OR EQUIV

1 01.00-02.50 M W PULL 119 OSBORN RICHARD N

452 BUS OPERATION ANAL 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, MATH 140A, GSD 110  
 OR EQUIV OR CONSENT

1 03.00-04.50 T TH AG 216 SHERMAN A KIMBROUGH

456 MGT INFORMATION SYS 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, 345, 452

1 10.00-11.50 T TH 0720 106

474 MGT RESP IN SOCIETY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, SR STANDING OR CONSE  
 NT OF INSTR

1 08.00-09.50 M W PULL 39 OSBORN RICHARD N

479 PROBS-BUS AND ECON 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, ECON 215, 308, MKT 301  
 OR EQUIV-SR OR CONSENT

1 01.00-02.50 T F WHAM 302 SANDERS

481 ADMIN POLICY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ADSC 340, FIN 320, MKTG 301 OR  
 EQUIV & SR STANDING

1 08.00-09.50 M W PULL 118  
 2 12.00-01.50 T TH LS II 450 SHERMAN  
 3 05.45-07.25 M TH CL 24 WILSON

499 SPEC TOPICS IN MGT 01.0 TO 08.0 CR  
 PREREQ 16 HRS IN BUSINESS & CONSENT O  
 F DEPT CHAIRMAN

1 TO BE ARRANGED BISHOP RONALD C

**AG I Agricultural Industries**

204 INTRO AG ECONOMICS 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 02.00 MTW AG 166 BENTON RALPH A  
 02.00 TH AG 225 BENTON RALPH A  
 2 02.00 MTW AG 166 BENTON RALPH A  
 02.00 F AG 225 BENTON RALPH A  
 3 02.00 MTW AG 166 BENTON RALPH A  
 03.00 TH AG 225 BENTON RALPH A

306A SOIL & WATER CONS 03.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ ONE COURSE IN SOILS

1 11.00 M W F AG 166 VARSA EDWARD C  
 CROSSLISTED WITH PL I 306A

306B SOIL & WATER CONS 02.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ AG I 306A OR COCURRENT  
 ENROLLMENT IN 306A

1 11.00-12.50 T TH 0831 101 HOERNER HARRY J  
 2 03.00-04.50 T TH 0831 101 HOERNER HARRY J  
 CROSSLISTED WITH PL I 306B

309 AGRICULTURAL EDUC 04.0 CR  
 PREREQ S ED 310, AG I 311, & 48 HRS  
 IN AG

1 09.00-11.50 MTWTHF AG 155 WOOD & WELTON

312 STUDENT TEACH-AG ED 12.0 CR  
 PREREQ CONCURRENT 309

1 TO BE ARRANGED WELTON & WOOD

314 EC-FOOD & RURAL DEV 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 04.00 MTWTH AG 152 SMALL LESLIE E

350 FARM MANAGEMENT 05.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ 204 OR ONE COURSE IN ECON

1 01.00 MT THF AG 225 HANSON RONALD J  
 12.00-01.50 W AG 225 HANSON RONALD J  
 2 01.00 MT THF AG 225 HANSON RONALD J  
 03.00-04.50 F AG 225 HANSON RONALD J

354 AGRICULTURAL MKTG 03.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ AG I 204 OR ONE COURSE IN ECON

1 08.00 M WTH AG 225 LYBECKER DONALD W

359	INTERN PROGRAM	01.0 TO 10.0 CR-(ELECTIVE PASS/FAIL)			
	PREREQ JR STANDING & DEPT APPROVAL				
1	TO BE ARRANGED				BENTON RALPH A
361	SKIL IN HOME REPAIR	03.0 CR			
1	09.00 M	0832	101	HOERNER HARRY J	
	08.00-09.50 W F	0831	101	HOERNER HARRY J	
2	09.00 M	0832	101	HOERNER HARRY	
	10.00-11.50 W F	0831	101	HOERNER HARRY	
364	DISTRIBU IN AGRIBUS	04.0 CR			
	PREREQ 204 OR EQUIV				
1	09.00 M WTH	AG	225	SATCHELL & WILLS	
	08.00-09.50 T	AG	225		
375	BASIC AG MECH	03.0 CR -(ELECTIVE PASS/FAIL)			
1	01.00 TH	0831	101	WOLFF ROBERT L	
	02.00-05.50 TH	0831	101	WOLFF ROBERT L	
2	01.00 T	0831	101	WOLFF ROBERT L	
	02.00-05.50 T	0831	101	WOLFF ROBERT L	
381	AGRICULTURAL SEM	01.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)			
	PREREQ JR STANDING & CONSENT OF DEPT CHAIRMAN				
1	04.00 T	AG	155	LYBECKER DONALD W	
	CROSSLISTED WITH PL I 381				
390	SPEC STUD AG I	01.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				BENTON RALPH A
391	HONORS IN AG INDUST	01.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)			
	PREREQ JR STAND, 4.0GPA, 4.25 IN MAJ-AP PROV-FAC MEMB-DEPT CH				
1	TO BE ARRANGED				WOOD EUGENE S
412	PRIN AG MECHANIZAT	04.0 CR -(ELECTIVE PASS/FAIL)			
	PREREQ S ED 310 & 8 HRS MECHANIZATION OR EQUIVALENT				
1	10.00 T TH	0832	101	STITT THOMAS R	
	10.00-11.50 M W	0832	101	STITT THOMAS R	
418	MKT PRAC-DEV COUNTR	03.0 CR -(ELECTIVE PASS/FAIL)			
	PREREQ ECON 215 OR AG I 354				
1	10.00 MTW	AG	225	SMALL LESLIE E	
450	ADV FARM MANAGEMENT	04.0 CR -(ELECTIVE PASS/FAIL)			
	PREREQ AG I 350				
1	11.00 MTW	AG	225	LYBECKER DONALD W	
	11.00-12.50 F	AG	225	LYBECKER DONALD W	
456B	AG MKTG - LIVESTOCK	02.0 CR -(ELECTIVE PASS/FAIL)			
	PREREQ AG I 354, OR CONSENT OF INSTR				
1	03.00 M W	AG	225	WILLS WALTER J	
	CROSSLISTED WITH AN I 456B				
485	PRIN-PHIL VO TEC ED	03.0 CR			
	PREREQ STUDENT TEACHING OR CONSENT OF DEPARTMENT				
1	09.00-11.30	S TECH A	221	WOOD EUGENE S	
520	READINGS	01.0 TO 06.0 CR			
1	TO BE ARRANGED				
554	ADV AGRI MARKETING	04.0 CR			
	PREREQ 12 HRS OR EQUIV IN ECON OR AG ECON				
1	02.00 MTWTH	AG	155	WILLS WALTER J	
575	INDIVIDUAL RESEARCH	01.0 TO 06.0 CR			
1	TO BE ARRANGED				WOOD EUGENE S
581	SEMINAR	01.0 TO 06.0 CR			
1	TO BE ARRANGED				STITT THOMAS R
588	INTERNAT GRAD STUDY	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				WOOD EUGENE S
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				
<b>A J Administration of Justice</b>					
200	INTRO-CRIMINAL BEH	04.0 CR			
1	02.00-03.50 T TH	LAWSON	151	WILSON Nanci	
201	SOC RESPON-OFFENDER	04.0 CR			
1	10.00-11.50 T TH	LS I	133		



300	DIAGNOSIS & EVAL		04.0 CR		
1	08.00-09.50	M	BAILEY 130	ANDERSON DENNIS	
	08.00-09.50	W	BAILEY 130		
301	HUM REL-JUS AGENCY		04.0 CR		
1	08.00-09.50	T TH	FANER 1005		
302	COMM-BASED CORRECT		04.0 CR		
1	10.00-11.50	M	AG 216	WILSON Nanci	
	10.00-11.50	W	PULL 39		
	RESTR-AJ MAJ ONLY, WRIT PERM CTR ACAD COORD REQ				
303	CRIM INVES & BEH SC		04.0 CR		
1	06.00-09.20 PM	T	LS I 131		
304	VIOL, ENFORC & COMM		04.0 CR		
1	03.00-04.50	M W	FANER 1136	RICH VERNON	
305	LEGAL ASPECTS		04.0 CR		
1	01.00-02.50	M W	WHAM 205	WOODARD JESSE	
2	06.00-09.50 PM	TH	WHAM 112	DREHER ROBERT	
383	INTERNSHIP		04.0 TO 12.0 CR		
	PREREQ 16 HRS AJ & WRIT PERMISSION OF CENTER ACADEMIC COORD				
1	TO BE ARRANGED			ANDERSON DENNIS B	
	RESTR-AJ MAJ ONLY, WRIT PERM CTR ACAD COORD-INS REQ				
396	READINGS IN AJ		01.0 TO 04.0 CR		
	PREREQ WRIT PERM CENTER ACAD COORD & APPROV OF AJ ADVISOR				
1	TO BE ARRANGED				
	RESTR-AJ MAJ ONLY, WRIT PERM INST&CTR ACAD COOR REQ				
411	CRIT ISSUE-CRIM JUS		04.0 CR		
1	01.00-02.50	T TH	PULL 34	WILSON Nanci	
416	INTRO TO RESEARCH		04.0 CR		
	PREREQ CONSENT OF INSTR				
1	10.00-11.50	T TH	H EC 3	BARRY DONALD	
472	AM CORRECT SYSTEM		04.0 CR		
	PREREQ CONSENT OF INSTR				
1	08.00-09.50	T TH	COMM 1017	JOHNSON ELMER H	
	CROSS-LISTED WITH SOC 472				
473	JUVENILE DELIN		04.0 CR		
	PREREQ TWO COURSES IN SOC OR PSYC OR CONSENT OF INSTR				
1	11.00	TWTH	PARK 309	JOHNSON ELMER	
	CROSS-LISTED WITH SOC 472				
489A	PROBATION-PAROLE		04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	03.00-04.50	T TH	0720 114	JOHNSON ELMER	
489E	INDEPT STUDY CORRS		02.0 TO 04.0 CR		
	PREREQ WRITTEN PERMISSION OF CENTER ACAD COORD				
1	TO BE ARRANGED			WOODARD JESSE	
	RESTR-AJ MAJ ONLY, WRIT PER INST&CTR ACAD COORD REQ				
501A	CRIM BEH-PROB&CHAR		04.0 CR		
1	09.00-10.50	M	WHAM 307		
	09.00-10.50	W	0720 101		
	RESTR-AJ MAJ ONLY, WRIT PERM CTR ACAD COORD REQ				
582	LAW AND CORRECTIONS		04.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	01.00-02.50	M W	CL 328	DREHER ROBERT	
583A	SUPER FIELD WK-CORR		06.0 CR		
	PREREQ WRITTEN PERMISSION OF CENTER ACAD COORDINATOR				
1	TO BE ARRANGED			ANDERSON DENNIS B	
	RESTR-WRIT PERM CTR ACAD COOR & INSTR, AJ MAJ ONLY				
583B	SUPER FIELD WK-CORR		06.0 CR		
	PREREQ WRITTEN PERMISSION OF CENTER ACAD COORDINATOR				
1	TO BE ARRANGED			ANDERSON DENNIS B	
	RESTR-WRIT PERM CTR ACAD COOR & INSTR, AJ MAJ ONLY				

591	SUPERVISED READINGS	01.0 TO 05.0 CR				
	PREREQ	CONSENT OF INSTRUCTOR AND DEPT				
		CHAIRMAN				
1	TO BE ARRANGED				WOODARD JESSE	
599	THESIS	01.0 TO 09.0 CR				
	PREREQ	WRITTEN PERMISSION OF CENTER				
		ACAD COORD				
1	TO BE ARRANGED				JOHNSON ELMER	
	AJ MAJORS ONLY					
<b>ANI Animal Industries</b>						
121	SCIENCE OF ANIMALS	04.0 CR -(ELECTIVE PASS/FAIL)				
	PREREQ	CONCURRENT ENROLLMENT IN 122				
1	11.00	MTW F	AG	102	OLSON HOWARD H	
2	11.00	MTW F	AG	102	OLSON HOWARD H	
122	SCI OF ANIMALS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)				
1	08.00-09.50	TH	AG	116	OLSON HOWARD H	
2	10.00-11.50	TH	AG	116	OLSON HOWARD H	
3	01.00-02.50	TH	AG	116	OLSON HOWARD H	
311C	EVAL & SEL FARM ANI	02.0 CR -(ELECTIVE PASS/FAIL)				
1	08.00-11.50	S	AG	120		
		311C INSTRUCTORS-GOODMAN,HODSON,& MARION				
315	FEEDS AND FEEDING	04.0 CR -(ELECTIVE PASS/FAIL)				
1	09.00	M WTH	AG	102	HINNERS SCOTT W	
	09.00-10.50	T	AG	120	HINNERS SCOTT W	
2	09.00	M WTH	AG	102	HINNERS SCOTT W	
	08.00-09.50	F	AG	120	HINNERS SCOTT W	
318	MEAT,ANIM,CARC EVAL	03.0 CR -(ELECTIVE PASS/FAIL)				
	PREREQ	AN I 121				
1	11.00	M W	AG	132	HODSON HAROLD H JR	
	03.00-05.50	W	AG	132	HODSON HAROLD H JR	
319	HORSES	03.0 CR -(ELECTIVE PASS/FAIL)				
1	10.00	W F	AG	114	KAMMLADE W G JR	
	10.00-11.50	TH	AG	114	KAMMLADE W G JR	
327	POULTRY MANAGEMENT	04.0 CR -(ELECTIVE PASS/FAIL)				
	PREREQ	AN I 121				
1	10.00	MTW	AG	132	GOODMAN BILLY LEE	
	10.00-11.50	F	AG	132	GOODMAN BILLY LEE	
337	ANIMAL HYGIENE	04.0 CR -(ELECTIVE PASS/FAIL)				
	PREREQ	AN I 121				
1	01.00	MTWTH	AG	102	STRACK LOUIS	
359	INTERN PROGRAM	03.0 TO 05.0 CR-(MANDATORY PASS/FAIL)				
	PREREQ	JR STANDING				
1	TO BE ARRANGED				MARION G B	
381	ANIMAL SCIENCE SEM	01.0 TO 02.0 CR-(ELECTIVE PASS/FAIL)				
	PREREQ	JR OR SR STANDING				
1	04.00	T	AG	132	HAUSLER CARL	
390	SPEC STUD AN I	01.0 TO 06.0 CR-(MANDATORY PASS/FAIL)				
	PREREQ	JR OR SR STANDING AND CONSENT				
		OF DEPT CHAIRMAN				
1	TO BE ARRANGED				MARION G B	
391	HONORS IN AN I	01.0 TO 06.0 CR-(MANDATORY PASS/FAIL)				
	PREREQ	JR STANDING,4.0 GPA,4.25 IN				
		MAJ,CONSENT OF DEPT				
1	TO BE ARRANGED					
415A	ANIMAL NUTRITION	05.0 CR -(ELECTIVE PASS/FAIL)				
	PREREQ	AN I 315 & A COURSE IN CHEM				
1	03.00	MT THF	AG	168	HINNERS SCOTT W	
	02.00-03.50	W	AG	120	HINNERS SCOTT W	
2	03.00	MT THF	AG	168	HINNERS SCOTT W	
	04.00-05.50	W	AG	120	HINNERS SCOTT W	
419	STAB MGT-HORMNSHIP	04.0 CR -(ELECTIVE PASS/FAIL)				
	PREREQ	AN I 319				
1	02.00	M TH	AG	114	KAMMLADE W G JR	
	02.00-03.50	T	AG	114	KAMMLADE W G JR	
	01.00-02.50	F	AG	114	KAMMLADE W G JR	
434	PHSL OF LACTATION	03.0 CR -(ELECTIVE PASS/FAIL)				
	PREREQ	PHSL & ORGANIC CHEM				
1	09.00	M W	AG	114	OLSON HOWARD H	
	08.00-09.50	F	AG	114	OLSON HOWARD H	

456B	AG MKTG - LIVESTOCK	02.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ GSB 211A OR CONSENT OF INSTR		
1	03.00 M W AG	225	WILLS WALTER J
485	REEF PRODUCTION	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ AN IND 315		
1	01.00 MT TH AG	120	KAMMLADE W G JR
	01.00-02.50 W AG	120	KAMMLADE W G JR
505	RES METH IN AG SCI	04.0 CR	
1	11.00 W AG	120	KROENING GILBERT H
	10.00-11.50 THF AG	120	KROENING GILBERT H
516	MIN & VIT ANIMA NUT	04.0 CR	
	PREREQ AN I 515 OR CHEM 350		
1	01.00 MTW F AG	132	LEE D DIXON JR
520	READINGS IN AN IND	01.0 TO 06.0 CR	
1	TO BE ARRANGED		MARION G B
575	INDIVIDUAL RESEARCH	01.0 TO 06.0 CR	
1	TO BE ARRANGED		
581	SEMINAR	01.0 TO 06.0 CR	
1	04.00 TH AG	114	HAUSLER CARL
588	INTERNAT GRAD STUDY	01.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		MARION G B

**ANTH Anthropology**

275	INDIVIDUAL STUDY	01.0 TO 18.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		MULLER JON D
300	PHYSICAL ANTH	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	01.00 M W F H EC	106	TYZZER ROBERT
301	LINGUISTICS IN ANTH	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	10.00 M W F H EC	106	GRIMES JAMES L
302	INTRO TO GEN ARCH	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	02.00 M W F H EC	106	
310	INTRO TO SOC ANTH	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	11.00 M W F H EC	106	MACLACHLAN BRUCE
313A	PEOPLE-CUL WRLD III	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	12.00 M W F H EC	122	HANDLER JEROME S
376	INDEPENDENT STUDY	02.0 TO 11.0 CR	
	PREREQ CONSENT OF INSTR & CLASSICS		
	SECT HEAD		
1	TO BE ARRANGED		
399	HONORS TUTORIAL	03.0 TO 09.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
401	LANGUAGE IN CULTURE	04.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	01.00-02.40 T TH H EC	106	MARING JOEL
404A	TECHNOLOGY AND ANTH	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	10.00-11.50 T H EC	106	DARK PHILIP J C
	10.00-11.50 TH H EC	106	DARK PHILIP J C
409	APPLIED ANTH	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	03.00 M W F H EC	122	ALTSCHULER M
441	COMPARATIVE ECON	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	09.00 M W F H EC	106	COOK EDWIN
442	COMPARE FOLKLORE	03.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	12.00 M W F H EC	106	MARING ESTER
483	INDIV STUDY IN ANTH	01.0 TO 18.0 CR	
1	TO BE ARRANGED		
497	HONORS IND RESEARCH	01.0 TO 18.0 CR	
	PREREQ FOR UNDERGRAD- CONSENT OF DEPT		
1	TO BE ARRANGED		



499	HONORS THESIS	03.0 TO 12.0 CR			
	PREREQ ANTH 399 AND CONSENT OF DEPT				
1	TO BE ARRANGED				
511	SEM MESO-AMER ARCH	03.0 TO 09.0 CR			
1	03.00-05.30 W H EC 106				KELLEY JOHN CHARLES
520	SEM-NEW WORLD ETH	03.0 TO 09.0 CR			
1	03.00-05.30 TH H EC 106				HANDLER JEROME
545	SEMINAR LINGUISTICS	03.0 TO 09.0 CR			
1	03.00-05.30 T H EC 106				COOK EDWIN
560	SEM-COMP SOCIAL ORG	03.0 TO 09.0 CR			
1	07.00-09.30 PM M H EC 106				MACLACHLAN B
581	SEM-ANTHROPOLOGY	03.0 TO 09.0 CR			
	PREREQ CONSENT OF DEPT				
1	07.00-09.30 PM TH H EC 106				TYZZER ROBERT N III
582	PROB-ARCHAEOLOGY	01.0 TO 27.0 CR			
1	TO BE ARRANGED				
584	PROB-CULTURAL ANTH	01.0 TO 27.0 CR			
1	TO BE ARRANGED				
585	READINGS IN ANTH	01.0 TO 27.0 CR			
1	TO BE ARRANGED				
597	FIELDWORK IN ANTH	01.0 TO 27.0 CR			
1	TO BE ARRANGED				
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 36.0 CR			
1	TO BE ARRANGED				

## ART Art

100A	SCULPTURE	04.0 CR			
1	12.00-01.50 M W F 0549 101				
2	02.00-03.50 M W F 0549 101				
100B	CRAFTS	04.0 CR			
1	12.00-01.50 M W F PULL I 105				
2	02.00-03.50 M W F PULL I 105				
100C	PAINTING	04.0 CR			
1	11.00-01.50 T TH PULL 211				
2	04.00-05.50 M W F PULL 214				
100D	GRAPHICS	04.0 CR			
1	10.00-11.50 M W F PULL 211				
2	02.00-04.50 T TH PULL 214				PAULSON
100E	DRAWING	04.0 CR			
1	08.00-09.50 M W F PULL 214				
2	12.00-01.50 M W F PULL 211				
200A	SCULPTURE	04.0 CR			
	PREREQ 12 HRS OF ART 100				
1	08.00-09.50 M W F 0549 101				ADDINGTON ALDON M
2	10.00-11.50 M W F 0549 101				ADDINGTON ALDON M
	ART 200A RESTR TO MAJORS IN SCH OF ART				
200B	DRAWING	04.0 CR			
	PREREQ 12 HRS OF ART 100				
1	10.00-11.50 M W F PULL 211				
2	11.00-01.50 T TH PULL 214A				PAULSON
200C	PAINTING	04.0 CR			
	PREREQ 12 HRS OF ART 100				
1	02.00-04.50 T TH PULL 214A				
2	02.00-03.50 M W F PULL 214				LITTLEFIELD LEE
	ART 200C RESTR TO MAJORS IN SCH OF ART				
225A	INTRO TO ART HIST	03.0 CR			
1	04.00 M W F LAWSON 151				MAVIGLIANO GEORGE J
259	STUDIO	04.0 TO 24.0 CR			
1	TO BE ARRANGED				
300A	ART ED FOR EL TEACH	04.0 CR			
1	09.00 T TH LAWSON 151				LAWSON ELNORA
	11.00-12.50 T TH 0833 109				BEENE PATRICIA C
2	09.00 T TH LAWSON 151				LAWSON ELNORA
	11.00-12.50 M W 0833 109				LAWSON ELNORA
3	09.00 T TH LAWSON 151				LAWSON ELNORA
	01.00-02.50 M W 0833 109				LAWSON ELNORA
4	09.00 T TH LAWSON 151				LAWSON ELNORA
	08.00-09.50 M W 0833 109				BEENE PATRICIA C

300B	ART ED FOR EL TEACH	04.0 CR			
	PREREQ ART 300A				
1	01.00-02.50 T TH	0833 109	LAWSON ELNORA		
302A	POTTERY-BEGINNING	04.0 CR			
	PREREQ 12 HRS OF ART 100 OR CONSENT OF INSTR				
1	08.00-09.50 M W F	PULL I 105			
2	12.00-01.50 M W F	PULL I 105			
	ART 302A RESTR TO MAJORS IN SCH OF ART				
302B	POTTERY-INTERMED	04.0 CR			
	PREREQ ART 302A				
1	08.00-10.50 T TH	PULL I 105			
	ART 302B RESTR TO MAJORS IN SCH OF ART				
307	THEORY&PHIL ART ED	03.0 CR			
	PREREQ 12 HRS ART 100				
1	09.00 M W F	0833 109	ABRAHAMSON ROY E		
	ART 307 RESTR TO MAJORS IN SCH OF ART				
308	CUR & ADM - ART ED	03.0 CR			
	PREREQ 12 HRS ART 100				
1	10.00-11.30 T TH	0833 109	WOOD DANNY D		
	ART 308 RESTR TO MAJORS IN SCH OF ART				
320	OIL PAINT TECHNIQUE	02.0 TO 12.0 CR			
	PREREQ 12 HRS ART 200				
1	08.00-09.50 M W F	PULL 211	LINK JOHN		
	RESTR TO MAJORS IN SCHOOL OF ART				
2	10.00-11.50 M W F	PULL 214	LITTLEFIELD LEE		
	RESTR TO MAJORS IN SCHOOL OF ART				
3	02.00-04.50 T TH	PULL 211	BERNSTEIN LAWRENCE		
	RESTR TO MAJORS IN SCHOOL OF ART				
325	STUDIO	02.0 TO 15.0 CR			
	PREREQ 8 HRS IN MEDIUM OF CHOICE PLUS CONSENT OF INSTR				
1	TO BE ARRANGED				
	ART 325 RESTR TO MAJORS IN SCH OF ART				
332A	JEWELRY &METALSMITH	04.0 CR			
	PREREQ 12 HRS OF ART 100 OR CONSENT OF INSTR				
1	08.00-09.50 M W F	PULL I 105			
2	11.00-01.50 T TH	PULL I 105	KINGTON BRENT		
3	02.00-03.50 M W F	PULL I 105			
	ART 332A RESTR TO MAJORS IN SCH OF ART				
332B	JEWELRY &METALSMITH	04.0 CR			
	PREREQ ART 332A				
1	12.00-01.50 M W F	PULL I 105			
	ART 332B RESTR TO MAJORS IN SCH OF ART				
340A	19TH CENT PAINTING	03.0 CR			
	PREREQ ART 225A,8,C				
1	10.00 M	TECH A 111	WALSH ROBERT A		
	10.00 W F	LAWSON 161			
341	DRAWING	02.0 TO 12.0 CR			
	PREREQ 12 HRS ART 200				
1	08.00-10.50 T TH	PULL 214			
2	08.00-10.50 T TH	PULL 211	PAULSON ROBERT		
3	12.00-01.50 M W F	PULL 214	ONKEN MICHAEL		
4	02.00-03.50 M W F	PULL 211	LINK JOHN		
5	04.00-05.50 M W F	PULL 211	ONKEN MICHAEL		
	ART 341 RESTR TO MAJORS IN SCH OF ART				
343	ART STUDIO-NON MAJ	03.0 CR			
1	10.00-11.50 M W F	0843 104			
2	01.00-02.50 M W F	0843 104			
358A	PRINTMAKING- ETCH	04.0 TO 12.0 CR			
	PREREQ 12 HRS ART 200				
1	08.00-10.50 T TH	PULL 208			
	ART 358A RESTR TO MAJORS IN SCH OF ART				
358B	PRINTMAKING- LITH	04.0 TO 12.0 CR			
	PREREQ 12 HRS ART 200				
1	02.00-03.50 M W F	PULL 204	VERSAGGI FRANK		
	ART 358B RESTR TO MAJORS IN SCH OF ART				
358C	PRINTMAKING-SILKSCR	04.0 TO 12.0 CR			
	PREREQ 12 HRS ART 200				
1	12.00-01.50 M W F	PULL 208			

365	ART 358C RESTR TO MAJORS IN SCH OF ART	04.0 CR	
	ART ED METHODS		
	PREREQ 12 HRS ART 100		
1	12.00-02.50 T TH 0833 109		GREENFIELD SYLVIA R
	ART 365 RESTR TO MAJORS IN SCH OF ART		
385A	WEAVING - BEGIN	04.0 CR	
	PREREQ 12 HRS ART 100		
1	08.00-10.50 T TH PULL I 105		
2	10.00-11.50 M W F PULL I 105		
	ART 385A RESTR TO MAJORS IN SCH OF ART		
385B	WEAVING - INTERMED	04.0 CR	
	PREREQ ART 385A		
1	02.00-04.50 T TH PULL I 105		
	ART 385B RESTR TO MAJORS IN SCH OF ART		
393	SCULPTURE	04.0 TO 12.0 CR	
	PREREQ ART 200-12 HRS		
1	08.00-10.50 T TH 0549 101		SULLIVAN MILTON F
	ABOVE SEC-FIGURE MOD-RESTR TO SCH OF ART		
	MAJORS OR CONS		
2	11.00-01.50 T TH 0549 101		MOODY DARRYL
	ABOVE SEC-METAL FAB-RESTR TO SCH OF ART		
	MAJORS OR CONS		
401	PAINTING I	02.0 TO 24.0 CR	
1	TO BE ARRANGED		LINK JOHN
	ART 401 RESTR TO MAJORS IN SCH OF ART		
403	DRAWING I	02.0 TO 24.0 CR	
1	TO BE ARRANGED		ONKEN MICHAEL
2	TO BE ARRANGED		FINK HERBERT
	ART 403 RESTR TO MAJORS IN SCH OF ART		
405	SCULPTURE I	02.0 TO 24.0 CR	
1	TO BE ARRANGED		ADDINGTON ALDON M
	ART 405 RESTR TO MAJORS IN SCH OF ART OR		
	CONSENT INST		
410	PRINTMAKING I	02.0 TO 24.0 CR	
1	02.00-04.50 T TH PULL 208		
	ART 410 RESTR TO MAJORS IN SCH OF ART		
415	STUDIO IN PRINTS	02.0 TO 24.0 CR	
1	11.00-01.50 T TH PULL I 105		
	ART 415 RESTR TO MAJORS IN SCH OF ART		
420	CERAMICS I	02.0 TO 24.0 CR	
1	TO BE ARRANGED		BOYSEN WILLIAM
	ART 420 RESTR TO MAJORS IN SCH OF ART		
428	GLASSBLOWING I	02.0 TO 24.0 CR	
1	TO BE ARRANGED		BOYSEN BILL H
430	METALSMITHING I	02.0 TO 24.0 CR	
1	08.00-10.50 T TH PULL I 105		KINGTON LOUIS BRENT
	ART 430 RESTR TO MAJORS IN SCH OF ART		
455B	ADV ART HIS-MID AGE	03.0 CR	
	PREREQ 225		
1	12.00 W LAWSON 101		WALSH ROBERT
	12.00-01.50 F LAWSON 231		
459A	MUSEOLOGY SEMINAR	03.0 CR	
1	TO BE ARRANGED		JOHNSON EVERTA
460	RESEARCH ART EDUC	02.0 TO 12.0 CR	
	PREREQ ART 307		
1	01.00 M W F 0833 109		ABRAHAMSON ROY E
501	PAINTING II	02.0 TO 24.0 CR	
1	TO BE ARRANGED		BERNSTEIN LAWRENCE
503	DRAWING II	02.0 TO 24.0 CR	
1	TO BE ARRANGED		
504	SCULPTURE II	02.0 TO 24.0 CR	
1	TO BE ARRANGED		SULLIVAN MILTON F
511	PRINTMAKING II	02.0 TO 24.0 CR	
1	TO BE ARRANGED		
515	WEAVING II	02.0 TO 24.0 CR	
1	11.00-01.50 T TH PULL I 105		
520	CERAMICS II	02.0 TO 24.0 CR	
1	TO BE ARRANGED		BOYSEN WILLIAM
530	METALSMITHING II	02.0 TO 24.0 CR	
1	08.00-10.50 T TH PULL I 105		KINGTON LOUIS BRENT
558	READ IN ART HISTORY	02.0 TO 05.0 CR	
1	TO BE ARRANGED		GRAUBNER ERNEST L



559	PROB IN ART HISTORY	03.0 TO 12.0 CR			
1	TO BE ARRANGED				SULLIVAN JAMES E
566	RESEARCH ART EDUC	02.0 TO 12.0 CR			
1	TO BE ARRANGED				ABRAHAMSON ROY E
599	THESIS	04.0 TO 09.0 CR			
	PREREQ COMPLETION OF CORE REQUIREMENTS				
1	TO BE ARRANGED				

**A S Aerospace Studies**

100A	CORPS TRAINING			00.0 CR	
1	10.00	T	LIB	26	SCHROEDER RALPH F JR
101	U S AIR FORCE			01.0 CR	
1	09.00	T	WHLR	113	GRESCH THOMAS J
2	09.00	TH	WHLR	113	GRESCH THOMAS J
3	11.00	T	WHLR	113	GRESCH THOMAS J
200A	CORPS TRAINING			00.0 CR	
	PREREQ AS 100				
1	10.00	T	LIB	26	SCHROEDER RALPH F JR
201	US DEFENSE POLICY			01.0 CR	
1	09.00	W	WHLR	113	FENN JAMES R
2	11.00	W	WHLR	113	FENN JAMES R
300A	CORPS TRAINING			00.0 CR	
	PREREQ GMC OR FIELD TRAINING				
1	10.00	T	LIB	26	SCHROEDER RALPH F JR
301	DEVEL OF AIR POWER			03.0 CR	
	PREREQ GMC OR FIELD TRAINING				
1	08.00	M WTH	WHLR	107	SCHROEDER RALPH F JR
2	10.00	M WTH	WHLR	107	SCHROEDER RALPH F JR
3	02.00	M WTH	WHLR	107	SCHROEDER RALPH F JR
340A	CORPS TRAINING			00.0 CR	
	PREREQ AS 300 OR CONSENT OF PAS				
1	10.00	T	LIB	26	SCHROEDER RALPH F JR
351	A F LEADERSHIP			03.0 CR	
	PREREQ AS 301, 302, 303 OR CONSENT OF PAS				
1	09.00	M WTH	WHLR	107	TORLINE NORBERT K
2	01.00	M WTH	WHLR	107	TORLINE NORBERT K

**ASIA Asian Studies**

395B	CUL TRAD INDO-CHINA			04.0 CR	
1	01.00-02.50	T TH	H EC	8	MARING ESTER

**B A Business Administration**

501	QUANT DECISIONS			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	11.00-12.50	T TH	CL	326	
2	03.00-04.50	T TH	CL	326	
511	ACCOUNTING THEORY			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	10.00-11.50	M TH	CL	25	SCHMIDLEIN EDWARD
526	MANAGERIAL ECON			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	08.00-09.50	T F	CL	328	SANDERS RONALD L
	CROSSLISTED WITH ECON 526				
530	FINANCIAL MGT			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	08.00-09.50	M TH	CL	328	
531	FINANCIAL POLICIES			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	01.00-02.50	T F	CL	25	
540	MGR & ORG BEHAVIOR			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				
1	03.00-04.50	M W	CL	24	HUNT JAMES G
549	SEMINAR IN MGT			04.0 CR	
	PREREQ ENROLLMENT IN MBA PROGRAM OR CONSENT OF INSTR				

1	TO BE ARRANGED					
550	MARKETING MGT	04.0 CR				
	PREREQ ENROLLMENT IN MBA PROGRAM OR					
	CONSENT OF INSTR					
1	10.00-11.50	W F	CL	24	ANDERSEN R CLIFTON	
590	INDEPENDENT STUDY	04.0 CR				
	PREREQ ENROLLMENT IN MBA PROGRAM OR					
	CONSENT OF INSTR					
1	TO BE ARRANGED					
598	BUSINESS POLICIES	04.0 CR				
	PREREQ ENROLLMENT IN MBA PROGRAM OR					
	CONSENT OF INSTR					
1	01.00-02.50	M TH	CL	25	WILSON H	
599	THESIS	04.0 TO 08.0 CR				
	PREREQ ENROLLMENT IN MBA PROGRAM OR					
	CONSENT OF INSTR					
1	TO BE ARRANGED				WATERS GOLA	
<b>BAS Black American Studies</b>						
200	BAS CHOIR	01.0 CR				
	PREREQ CONSENT OF INSTR					
1	03.00	T TH	ALTG	248	BRANCH LONDON G	
309	INTRO BLACK STUDIES	03.0 CR				
	PREREQ GSB 102 & 109					
1	01.00-03.50	T	TECH A	122	KALE OYEMOLA O	
320	SEM-GROUP LDRSHIP	02.0 TO 12.0 CR				
	PREREQ GSB 109 OR CONSENT OF INSTRUCT					
	OR					
1	06.00-07.25 PM	TH	H EC	104		
322	METH OF BLK STUDIES	04.0 CR				
	PREREQ GSB 109 OR CONSENT OF INSTRUCT					
	OR					
1	02.00-03.50	M W	PULL	41	HOLMES JOHN S	
360	BLACK AM & THE LAW	04.0 CR				
	PREREQ CONSENT OF DEPT OR BAS 309,					
	GSB 109					
1	06.00-09.30 PM	T	H EC	104	ROBINSON WALTER G JR	
409B	BLACK AMER SOC PROB	04.0 CR				
	PREREQ BAS 409A					
1	06.00-09.30 PM	W	H EC	104	ROBINSON WALTER G JR	
<b>BIOL Biology</b>						
305	GENETICS-CLAS & MOL	04.0 CR				
	PREREQ GSA 201B OR 210B OR ADVANCED					
	STANDING IN BIOLOGY					
1	12.00	MTWTH	NKRS B	240	GILMORE	
306	DEVELOPMENTAL BIOL	04.0 CR				
	PREREQ GSA 201B OR 210B OR ADVANCED					
	STANDING IN BIOLOGY					
1	08.00	MTWTH	WHAM	308	PAPPELIS & HASS	
307	ENVIRONMENTAL BIOL	04.0 CR				
	PREREQ GSA 201B OR 210B OR ADVANCED					
	STANDING					
1	11.00	M W	LS I	133		
	11.00	T TH	NKRS B	440		
2	01.00	MTWTH	NKRS B	240	ASHBY WILLIAM CLARK	
308	ORGANISMIC BIOLOGY	04.0 CR				
	PREREQ GSA 201B OR 210B OR ADVANCED					
	STANDING					
1	09.00	M W	LS I	133	STOTLER BARBARA	
	09.00	T TH	NKRS B	240	STOTLER BARBARA	
2	02.00	M W	LS I	133	SHEPHERD BENJAMIN A	
	02.00	T TH	NKRS B	440	SHEPHERD BENJAMIN A	
<b>BOT Botany</b>						
300	MORPH NON-VAS PLANT	04.0 CR				
	PREREQ GSA 115B					
1	09.00	M W F	LS II	450	TINDALL DONALD R	
	08.00-09.50	T	LS II	404	TINDALL DONALD R	
2	09.00	M W F	LS II	450	TINDALL DONALD R	
	08.00-09.50	TH	LS II	404	TINDALL DONALD R	

301	MORPH VAS PLANTS	05.0 CR			
	PREREQ GSA 115B				
1	10.00	M W F	LS II	450	MATTEN LAWRENCE
	01.00-02.50	M W	LS II	404	MATTEN LAWRENCE
2	10.00	M W F	LS II	450	MATTEN LAWRENCE
	03.00-04.50	M W	LS II	404	
320	PLANT PHYSIOLOGY	05.0 CR			
	PREREQ GSA 115B, CHEM 305 OR MINOR IN CHEM				
1	08.00	M W F	LS II	450	SCHMID WALTER
	08.00-09.50	T TH	LS II	457	SCHMID WALTER
2	08.00	M W F	LS II	450	SCHMID WALTER
	10.00-11.50	T TH	LS II	457	
337	ECOLOGY LABORATORY	02.0 CR			
	PREREQ BIOL 307 OR CONSENT OF INSTR				
1	01.00-04.50	F	LS II	430	ROBERTSON PHILIP A
390	READINGS - BOTANY	02.0 TO 04.0 CR			(ELECTIVE PASS/FAIL)
	PREREQ BOT MAJOR AND CONSENT OF INSTR				
1	08.00	M W F	LS II	430	
391	SPEC PROB IN BOTANY	02.0 TO 05.0 CR			(ELECTIVE PASS/FAIL)
	PREREQ BOT MAJOR AND CONSENT OF DEPT				
1	10.00-11.50	T TH	LS II	430	MOHLENBROCK ROBERT
392	HONORS IN BOTANY	03.0 TO 21.0 CR			
	PREREQ CONSENT OF DEPARTMENT				
1	01.00-02.50	M W	LS II	430	MOHLENBROCK ROBERT
411	BRYO AND PTERIDO	04.0 CR			
	PREREQ BOT 301				
1	10.00	MT TH	LS II	404	
	10.00-11.50	W	LS II	404	
425A	ADV PLANT PHYSIOL	05.0 CR			
	PREREQ BOT 320, CHEM 305 OR A MINOR IN CHEM				
1	11.00	M W F	LS II	430	YOPP JOHN
	10.00-11.50	T TH	LS II	453	YOPP JOHN
440A	ADVANCED ECOLOGY	04.0 CR			
	PREREQ BIOL 307 OR CONSENT OF DEPT				
1	09.00	M W F	LS II	350	ROBERTSON PHIL
	TO BE ARRANGED				
	LAB WILL MEET ALTERNATE SAT MORNINGS IN LSII 453				
449	TAXONOMIC ELEMENTS	03.0 CR			
	PREREQ GSA 303 OR EQUIV, OR CONSENT OF INSTR				
1	03.00	T	LS II	450	UGENT DONALD
	01.00-04.50	F	LS II	423	UGENT DONALD
484	PALYNOLOGY	04.0 CR			
	PREREQ GEOL 220, 221 OR CONSENT OF INSTR				
1	TO BE ARRANGED				COHEN ARTHUR D
490A	PHOTO METHODS - B&W	04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				RICHARDSON JOHN A
525	CYTOLOGY	05.0 CR			
	PREREQ BIOL 305				
1	03.00	M W F	LS II	450	SUNDBERG WALTER J
	03.00-04.50	T TH	LS II	404	SUNDBERG WALTER J
570	READINGS - BOTANY	02.0 TO 05.0 CR			
1	03.00-04.50	T TH	LS II	430	
580A	SEMINAR	01.0 TO 03.0 CR			
	PREREQ BOTANY MAJOR				
1	11.00	T TH	LS II	450	MOHLENBROCK ROBERT
2	12.00	M W	LS II	430	
3	04.00	W	LS II	450	
590	INTRO TO RESEARCH	02.0 TO 04.0 CR			
1	TO BE ARRANGED				MOHLENBROCK ROBERT H
2	12.00	T THF	LS II	430	STOTLER RAYMOND E
591	RESEARCH	03.0 TO 09.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
599	THESIS	03.0 TO 09.0 CR			
1	TO BE ARRANGED				



600	DISSERTATION	01.0 TO 36.0 CR
1	TO BE ARRANGED	
<b>C &amp; F</b>	<b>Child and Family</b>	
227	MARRIAGE-FAMILY LIV	03.0 CR
1	09.00 M W F H EC	140B EDDLEMAN EDNA J
2	11.00 M W F WHAM	308 BARLOW BRENT A
3	01.00 M W F H EC	140B PATTISON JOYCE E
4	02.00 M W F WHAM	308 BARLOW BRENT A
237	CHILD DEVELOPMENT	03.0 CR
1	11.00 M W F H EC	140B PONTON MELVA F
2	02.00 M W F H EC	140B PONTON MELVA F
337	ADV CHILD DEVELOP PREREQ C&F 237	03.0 CR
1	09.00 M W F H EC	206 HOSKIN BARBARA B
340	I M & ACT-PRESCHOOL	03.0 CR
1	11.00 M W F H EC	206 HOSKIN BARBARA B
345A	CHILD DEVELOP PRACT PREREQ 237 OR PSYC 301	03.0 CR
1	04.00 T H EC	206 KRAFT KATHLEEN
	09.00-12.00 M H EC	114C
2	04.00 T H EC	206 KRAFT KATHLEEN
	09.00-12.00 T H EC	114C
3	04.00 T H EC	206 KRAFT KATHLEEN
	09.00-12.00 W H EC	114C
4	04.00 T H EC	206 KRAFT KATHLEEN
	09.00-12.00 TH H EC	114C
5	04.00 T H EC	206 KRAFT KATHLEEN
	09.00-12.00 F H EC	114C
6	04.00 T H EC	206 KRAFT KATHLEEN
	01.00-04.00 M H EC	114C
7	04.00 T H EC	206 KRAFT KATHLEEN
	01.00-04.00 T H EC	114C
8	04.00 T H EC	206 KRAFT KATHLEEN
	01.00-04.00 W H EC	114C
9	04.00 T H EC	206 KRAFT KATHLEEN
	01.00-04.00 TH H EC	114C
10	04.00 T H EC	206 KRAFT KATHLEEN
	01.00-04.00 F H EC	114C
345B	CHILD DEVELOP PRACT PREREQ 237 OR GSB 306 OR PSYC 301	04.0 CR
1	04.00 M W F H EC	203 KRAFT KATHLEEN
	09.00-12.00 M H EC	114C
2	04.00 M W F H EC	203 KRAFT KATHLEEN
	09.00-12.00 T H EC	114C
3	04.00 M W F H EC	203 KRAFT KATHLEEN
	09.00-12.00 W H EC	114C
4	04.00 M W F H EC	203 KRAFT KATHLEEN
	09.00-12.00 TH H EC	114C
5	04.00 M W F H EC	203 KRAFT KATHLEEN
	09.00-12.00 F H EC	114C
6	04.00 M W F H EC	203 KRAFT KATHLEEN
	01.00-04.00 M H EC	114C
7	04.00 M W F H EC	203 KRAFT KATHLEEN
	01.00-04.00 T H EC	114C
8	04.00 M W F H EC	203 KRAFT KATHLEEN
	01.00-04.00 W H EC	114C
9	04.00 M W F H EC	203 KRAFT KATHLEEN
	01.00-04.00 TH H EC	114C
10	04.00 M W F H EC	203 KRAFT KATHLEEN
	01.00-04.00 F H EC	114C
366	FAMILY DEVELOPMENT PREREQ C&F 227 OR GSB 341	03.0 CR
1	10.00 M W F H EC	203 EDDLEMAN EDNA J
2	02.00 M W F H EC	203 EDDLEMAN EDNA J
408	WORKSHOP	02.0 TO 12.0 CR
1	06.00-09.30 PM TH H EC	206 PATTISON JOYCE E
	ABOVE SECT-HUMAN SEXUALITY	
2	06.00-09.30 PM M H EC	203 ZUNICH MICHAEL
	ABOVE SECT-BLACK AMERICAN CHILD	

3	06.00-09.30 PM	W	H EC	206	HOSKIN BARBARA B
	ABOVE SECT-WOMEN IN PROFESSIONS				
4	06.00-09.30 PM	T	H EC	206	BARLOW BRENT A
	ABOVE SECT-MINORITY FAMILIES				
456	INFANT DEVELOPMENT			04.0 CR	
	PREREQ 237, PSYC 301				
1	06.00-09.30 PM	M	H EC	206	FLYNN TIMOTHY M
466	PRACT PARENT CHILD			04.0 CR	
	PREREQ C&F 227,237 OR EQUIV				
1	03.00-05.30	M W	H EC	206	PATTISON JOYCE E
471	FIELD EXPERIENCE			02.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
481	READINGS			02.0 TO 06.0 CR	
	PREREQ CONSENT OF INSTR & CHAIRMAN				
1	TO BE ARRANGED				
572	SPECIAL PROBLEMS			02.0 TO 08.0 CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
599	THESIS			02.0 TO 09.0 CR	
1	TO BE ARRANGED				

### C&P Cinema and Photography

310	HIST OF STILL PHOTO			04.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00	MTWTH	LAWSON 161	SWEDLUND CHARLES	
320	FUND OF STILL PHOTO			04.0 CR	-(ELECTIVE PASS/FAIL)
1	09.00-10.50	M	COMM 1122	GILMORE DAVID A	
	09.00-10.50	W	COMM 1122	GILMORE DAVID A	
	01.00-02.50	T	COMM 1135	GILMORE DAVID A	
	FINE ART EMPHASIS-RESTR TO C&P MAJORS				
2	09.00-10.50	M	COMM 1122	GILMORE DAVID A	
	09.00-10.50	TH	COMM 1122	GILMORE DAVID A	
	01.00-02.50	W	COMM 1135	GILMORE DAVID A	
	FINE ART EMPHASIS-RESTR TO C&P MAJORS				
3	01.00-02.50	M	COMM 1122	GOODGER-HILL GARETH	
	01.00-02.50	W	COMM 1122	GOODGER-HILL GARETH	
	03.00-04.50	M	COMM 1135	GOODGER-HILL GARETH	
	COMMERCIAL/PROF EMPHASIS-RESTR TO C&P MAJORS				
4	01.00-02.50	M	COMM 1122	GOODGER-HILL GARETH	
	07.00-09.00 PM	T	COMM 1122	GOODGER-HILL GARETH	
	03.00-04.50	W	COMM 1135	GOODGER-HILL GARETH	
	COMMERCIAL/PROF EMPHASIS-RESTR TO C&P MAJORS				
350	INTRO TO CINEMA			04.0 CR	-(ELECTIVE PASS/FAIL)
1	09.00	M W	LAWSON 101	DAVIS ROBERT E	
	09.00-10.50	F	LAWSON 101	DAVIS ROBERT E	
	SCREENING FEE FIVE DOLLARS-				
355	BEGIN FILM PRODUCT			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 350 CR CONCURRENT ENROLLMENT				
1	11.00	M W F	COMM 1122		
	02.00-03.50	M	COMM 1169		
2	11.00	M W F	COMM 1122		
	01.00-02.50	T	COMM 1169		
3	11.00	M W F	COMM 1122		
	02.00-03.50	W	COMM 1169		
4	11.00	M W F	COMM 1122		
	01.00-02.50	TH	COMM 1169		
	SEC 1,2,3 RESTRICTED TO C&P MAJORS ONLY				
406	ADV COMMERCIAL PHOT			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 405				
1	01.00-02.50	T TH	COMM 1122	GOODGER-HILL GARETH	
2	01.00-02.50	T	COMM 1122	GOODGER-HILL GARETH	
	07.00-09.00 PM	TH	COMM 1122	GOODGER-HILL GARETH	
407	PUBLICATIONS PHOTO			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 322				
1	12.00	MTWTH	COMM 1122	HORRELL C WILLIAM	
	01.00-03.50	F	COMM 1135	HORRELL C WILLIAM	
415	TECH&SCIENTIFIC PH			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ 322				
1	08.00	MTWTH	COMM 1122	HORRELL C WILLIAM	

420	EXPERIMENTAL PHOTO	04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ 322			
1	03.00-04.50 M W	COMM 1122	GILMORE DAVID A	
2	03.00-04.50 T TH	COMM 1122	GILMORE DAVIDA	
456	WORKSHOP-FILM PROD	01.0 TO 06.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ CONSENT OF DEPT & FILM PRODUCTION			
1	TO BE ARRANGED		PAINÉ FRANK R	
458	PROJ-CINEMA & PHOTO	04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED		DAVIS & STAFF	
2	10.00-11.50 T	COMM 1122	SWEDLUND CHARLES	
	10.00-11.50 TH	COMM 1169	SWEDLUND CHARLES	
	FINE ARTS-STUDIC ENROLL 4 CREDITS			
460	HIST SILENT FILM	04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ 350 FOR C&P MAJORS			
1	03.00-04.50 T TH	LAWSON 101	MERCER JOHN	
	03.00 M	LAWSON 131		
	SCREENING FEE FIVE DOLLARS			
470	SPEC CINEMATIC FORM	04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ 357 OR EQUIVALENT AND CONSENT OF DEPARTMENT			
1	09.00 T	COMM 1122	MERCER JOHN	
	09.00 TH	COMM 1021	MERCER JOHN	
	02.00-04.50 W	COMM 1169	MERCER JOHN	
480	IND STUDY IN C&P	01.0 TO 12.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ CONSENT OF DEPT			
1	TO BE ARRANGED		DAVIS & STAFF	
2	06.00-09.00 PM W	COMM 1122	COTTON HOWARD	
	SEM-HIST,THEORY OF ANIMATION-ENROLL 2CR			
3	07.00-09.00 PM M	COMM 1122	BLUMENBERG RICHARD	
	07.00-09.00 PM TH	COMM 1122		
	SEM-CONTEMP FILM-ENROLL 4 CR-SCREENING TBA			

### C & T Clothing and Textiles

127A	CLOTHING SELECTION	02.0 CR	-(ELECTIVE PASS/FAIL)	
1	09.00 T TH	H EC 140B	RIDLEY SAMANTHA SUE	
127B	CLOTHING CONSTRUCT	02.0 CR	-(ELECTIVE PASS/FAIL)	
1	08.00-09.50 T TH	H EC 310	BENNETT MINA JO P	
2	03.00-04.50 M W	H EC 310		
127C	CLOTH CONSTRUCT LAB	02.0 CR		
	PREREQ C&T 127B OR PROFICIENCY			
1	10.00-11.50 M W	H EC 310	BENNETT MINA JO	
2	11.00-12.50 T TH	H EC 310		
304A	TEXTILES	03.0 CR		
	PREREQ CHEM 110 AND 240			
1	10.00 M W F	H EC 208	PADGETT ROSE	
304B	TEXTILES	02.0 CR		
	PREREQ 304A OR EQUIVALENT			
1	08.00-09.50 W F	H EC 301	BENNETT MINA JO	
2	11.00-12.50 T TH	H EC 301	BENNETT MINA JO P	
319A	SEM-INVEN SHRINKAGE	01.0 CR		
	PREREQ 100 HRS/APPROVED RETAILING EXP			
1	11.00 F	H EC 301	RIDLEY SAMANTHA SUE	
329	FASHION MOTIVATION	03.0 CR		
1	08.00 M W F	H EC 206	FRIEND SHIRLEY	
333	FLAT PATTERN DESIGN	04.0 CR		
	PREREQ C&T 127C			
1	11.00-12.50 M W F	H EC 303	BERRY THELMA H	
2	02.00-04.50 T TH	H EC 303	BERRY THELMA H	
339	CLOTHING ECONOMICS	03.0 CR		
	PREREQ GSB 211 OR ECON 214			
1	01.00 M W F	H EC 206	BENNETT MINA JO P	
360	TAILORING	04.0 CR		
	PREREQ C&T 127C			
1	11.00 T TH	H EC 206	RIDLEY SAMANTHA SUE	
	01.00-02.50 M W	H EC 310	RIDLEY SAMANTHA SUE	
2	11.00 T TH	H EC 206	RIDLEY SAMANTHA SUE	
	02.00-03.50 T TH	H EC 310	RIDLEY SAMANTHA SUE	



364	DRAPING	04.0 CR			
	PREREQ C&T 127C				
1	09.00-11.50	T TH	H EC	303	BERRY THELMA
371	FIELD EXPERIENCE	00.0 TO 06.0 CR			
	PREREQ CONSENT OF CHAIRMAN				
1	TO BE ARRANGED				RIDLEY SAMANTHA SUE
395	SPECIAL PROBLEMS	01.0 TO 04.0 CR			
	PREREQ CONSENT OF CHAIRMAN				
1	TO BE ARRANGED				FRIEND SHIRLEY
481	READINGS	01.0 TO 06.0 CR			
	PREREQ SENIOR STANDING				
1	02.00-03.50	T TH	H EC	301	PADGETT & FRIEND
570A	SEMINAR	03.0 CR			
	PREREQ CONSENT OF CHAIRMAN				
1	04.00-06.30	W	H EC	303	PADGETT ROSE
572	SPECIAL PROBLEMS	01.0 TO 08.0 CR			
	PREREQ CONSENT OF CHAIRMAN				
1	TO BE ARRANGED				FRIEND SHIRLEY
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				PADGETT, BERRY & FRIEND

**CD Community Development**

401	INTRO TO COMM DEV	04.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ 4 HRS SOC OR CONSENT OF INSTR				
1	03.00-04.50	T TH	0686	29	DENISE PAUL
490	SEMINAR IN COMM DEV	01.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ 401				
1	12.00	T	0686	29	
499	INDEPENDENT STUDY	01.0 TO 05.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
501	SMALL GP PROCESS-CD	04.0 CR			
	PREREQ CD 401, CONSENT OF INSTR				
1	03.00-04.50	M W	0686	29	DELANEY HOWARD R
	RESTRICTED TO CD MAJORS				
511	LAB-SMALL GP PROCES	04.0 CR			
	PREREQ CD 401, 501 OR CONSENT OF INSTR				
1	01.00-02.50	M W	0686	29	THOMAS RICHARD
	RESTRICTED TO CD MAJORS				
512	CHNG AGNT-PLAN CHNG	04.0 CR			
	PREREQ CD 401, CD 502 OR PARALLEL				
1	TO BE ARRANGED				
513	LAB-STYLES & TECH	04.0 CR			
	PREREQ CD 401, CD 503, CONSENT OF INS TRUCTOR				
1	TO BE ARRANGED				
596	INDEPND STUDY - CD	01.0 TO 08.0 CR			
	PREREQ CD 401 & CONSENT OF INSTR				
1	TO BE ARRANGED				
599	THESIS RESEARCH	01.0 TO 08.0 CR			
	PREREQ CD 401, 501, 502, 503, 511 & 598				
1	TO BE ARRANGED				

**CHEM Chemistry and Biochemistry**

110	INORGANIC CHEMISTRY	04.0 CR			
1	09.00	M W F	NKRS B	240	
	09.00	TH	NKRS C	218	
	08.00-10.50	T	NKRS C	108	
2	09.00	M W F	NKRS B	240	
	09.00	T	NKRS C	218	
	08.00-10.50	TH	NKRS C	108	
3	09.00	M W F	NKRS B	240	
	09.00	TH	NKRS C	218	
	02.00-04.50	T	NKRS C	108	
4	09.00	M W F	NKRS B	240	
	09.00	T	NKRS C	218	
	06.00-08.50 PM	TH	NKRS C	108	
5	09.00	M W F	NKRS B	240	
	09.00	TH	NKRS C	218	

	08.00-10.50	T	NKRS C	106
6	09.00	M W F	NKRS B	240
	09.00	TH	NKRS C	218
	06.00-08.50 PM	TH	NKRS C	106
7	09.00	M W F	NKRS B	240
	09.00	T	NKRS C	218
	02.00-04.50	T	NKRS C	106
8	09.00	M W F	NKRS B	240
	09.00	T	NKRS C	218
	08.00-10.50	TH	NKRS C	106
115	INTRO GENERAL CHEM			05.0 CR
1	08.00	M W F	NKRS B	240
	08.00	TH	NKRS B	240
	08.00-10.50	T	NKRS C	107
2	08.00	M W F	NKRS B	240
	08.00	TH	NKRS B	240
	08.00-10.50	T	NKRS C	109
3	08.00	M W F	NKRS B	240
	08.00	T	NKRS B	240
	08.00-10.50	TH	NKRS C	107
4	08.00	M W F	NKRS B	240
	08.00	T	NKRS B	240
	08.00-10.50	TH	NKRS C	109
5	08.00	M W F	NKRS B	240
	08.00	T	NKRS B	240
	08.00-10.50	TH	NKRS C	104
122A	INTRO TO CHEM PRIN			03.0 CR
	PREREQ CHEM 123A OR CONCURRENT ENROLLMENT			
1	10.00	M W F	NKRS B	240
	10.00	T	PARK	204
2	10.00	M W F	NKRS B	240
	10.00	TH	PARK	204
3	01.00	M W F	NKRS B	440
	01.00	T	PARK	204
4	01.00	M W F	NKRS B	440
	01.00	TH	PARK	204
5	03.00	M W F	NKRS B	240
	03.00	T	PARK	204
6	03.00	M W F	NKRS B	240
	03.00	TH	PARK	204
7	06.00-07.25 PM	M W	NKRS B	240
	07.35-08.20 PM	W	NKRS B	240
8	06.00-07.25 PM	M W	NKRS B	240
	07.35-08.20 PM	M	NKRS B	240
122B	INTRO TO CHEM PRIN			03.0 CR
	PREREQ CHEM 122A, AND 123B OR CONCURRENT ENROLLMENT			
1	11.00	M W F	NKRS B	440
	11.00	T	NKRS C	118
122C	INTRO TO CHEM PRIN			03.0 CR
	PREREQ CHEM 122B, AND 123C OR CONCURRENT ENROLLMENT			
1	01.00	M W F	NKRS C	218
	MUST BE TAKEN CONCURRENT WITH CHEM 123C			
123A	INTRO TO LAB TECH			02.0 CR
	PREREQ CONCURRENT ENROLLMENT IN CHEM 122A			
1	10.00	TH	NKRS B	240
	08.00-10.50	T	NKRS C	102
2	10.00	TH	NKRS B	240
	08.00-10.50	T	NKRS C	104
3	10.00	TH	NKRS B	240
	08.00-10.50	W	NKRS C	102
4	10.00	TH	NKRS B	240
	08.00-10.50	W	NKRS C	104
5	10.00	TH	NKRS B	240
	08.00-10.50	M	NKRS C	102
6	01.00	T	NKRS B	440
	11.00-01.50	TH	NKRS C	102
7	01.00	T	NKRS B	440

	11.00-01.50	TH	NKRS C	104
8	01.00	T	NKRS B	440
	11.00-01.50	W	NKRS C	102
9	01.00	T	NKRS B	440
	11.00-01.50	W	NKRS C	104
10	01.00	T	NKRS B	440
	11.00-01.50	F	NKRS C	102
11	03.00	TH	NKRS B	240
	02.00-04.50	T	NKRS C	107
12	03.00	TH	NKRS B	240
	02.00-04.50	T	NKRS C	109
13	03.00	TH	NKRS B	240
	02.00-04.50	W	NKRS C	107
14	03.00	TH	NKRS B	240
	02.00-04.50	W	NKRS C	109
15	03.00	TH	NKRS B	240
	02.00-04.50	M	NKRS C	107
16	06.00 PM	T	NKRS B	240
	06.00-08.50 PM	TH	NKRS C	107
17	06.00 PM	T	NKRS B	240
	06.00-08.50 PM	TH	NKRS C	109
18	06.00 PM	T	NKRS B	240
	06.00-08.50 PM	W	NKRS C	107
19	06.00 PM	T	NKRS B	240
	06.00-08.50 PM	W	NKRS C	109
20	06.00 PM	T	NKRS B	240
	06.00-08.50 PM	W	NKRS C	108
123B	INTRO TO LAB TECH			02.0 CR
	PREREQ CHEM 123A & CONCURRENT ENROLL IN 122B			
1	08.00-10.50	TH	NKRS C	102
	10.00	T	NKRS B	240
2	10.00	T	NKRS B	240
	06.00-08.50 PM	TH	NKRS C	104
3	02.00-04.50	T	NKRS C	104
	10.00	T	NKRS B	240
123C	INTRO TO LAB TECH			03.0 CR
	PREREQ CHEM 123B & CONCURRENT ENROLL IN 122C			
1	09.00-11.50	TH	NKRS C	408
	09.00	T	NKRS C	118
	10.00-12.50	T	NKRS C	408
2	01.00-03.50	TH	NKRS C	408
	01.00	T	NKRS C	218
	02.00-04.50	T	NKRS C	408
3	02.00-04.50	F	NKRS C	408
	02.00	W	NKRS C	218
	03.00-05.50	W	NKRS C	408
	ALL SECTIONS MUST TAKE CHEM 122C CONCURRENTLY			
240	ORGANIC CHEMISTRY			04.0 CR
	PREREQ CHEM 110 OR EQUIV			
1	02.00	M W F	NKRS B	440
	02.00-04.50	TH	NKRS C	106
	03.00	T	NKRS C	118
2	02.00	M W F	NKRS B	440
	02.00-04.50	TH	NKRS C	108
	03.00	T	NKRS C	118
3	02.00	M W F	NKRS B	440
	06.00-08.50 PM	T	NKRS C	106
	03.00	T	NKRS C	118
4	02.00	M W F	NKRS B	440
	06.00-08.50 PM	T	NKRS C	108
	03.00	T	NKRS C	118
305A	ORG CHEM-PRE PROF			05.0 CR
	PREREQ CHEM 122B AND 123B			
1	11.00	M W F	NKRS B	240
	11.00-01.50	TH	NKRS C	205
	11.00	T	NKRS B	240



2	11.00	M W F	NKRS B	240
	02.00-04.50	TH	NKRS C	205
	11.00	T	NKRS B	240
3	11.00	M W F	NKRS B	240
	08.00-10.50	TH	NKRS C	205
	11.00	T	NKRS B	240
4	11.00	M W F	NKRS B	240
	06.00-08.50 PM	M	NKRS C	205
	11.00	T	NKRS B	240
5	11.00	M W F	NKRS B	240
	08.00-10.50	T	NKRS C	205
	11.00	TH	NKRS B	240
6	11.00	M W F	NKRS B	240
	11.00-01.50	T	NKRS C	205
	11.00	TH	NKRS B	240
7	11.00	M W F	NKRS B	240
	06.00-08.50 PM	W	NKRS C	205
	11.00	TH	NKRS B	240
8	11.00	M W F	NKRS B	240
	02.00-04.50	T	NKRS C	205
	11.00	TH	NKRS B	240
342A	ORGANIC CHEMISTRY			03.0 CR
	PREREQ CHEM 122C AND 123C			
1	08.00	M W F	NKRS B	440
	MUST TAKE CONCURRENTLY WITH 343A			
343A	LAB TECHNIQUES			03.0 CR
	PREREQ CHEM 122C AND 123C			
1	09.00-11.50	M TH	NKRS C	203
	10.00	F	NKRS C	118
2	02.00-04.50	M W	NKRS C	203
	10.00	F	NKRS C	118
3	02.00-04.50	T TH	NKRS C	203
	10.00	F	NKRS C	118
	ALL SECT MUST TAKE 342A CONCURRENTLY			
350	BIOLOGICAL CHEM			04.0 CR
	PREREQ CHEM 240 OR CONSENT OF INSTRUCTOR			
1	03.00	M W F	NKRS C	116
	01.00-03.50	T	NKRS C	204
	03.00	TH	NKRS C	116
2	03.00	M W F	NKRS C	116
	08.00-10.50	TH	NKRS C	204
	03.00	TH	NKRS C	116
411	INTERMED INORG CHEM			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CHEM 461 OR 460 WITH CONSENT OF INSTR			
1	02.00	MT THF	NKRS C	218
438	REVIEW ANAL CHEM			03.0 CR
	PREREQ GRAD STANDING & CONSENT OF INSTRUCTOR			
1	03.00	M W F	NKRS C	218
446	QUAL ORGANIC ANALY			04.0 CR
	PREREQ CHEM 122C, 123C, 342C & 343C OR CONSENT OF INSTRUCTOR			
1	09.00	T TH	NKRS A	278
	09.00-11.50	W F	NKRS C	203
451A	BIOCHEMISTRY			03.0 CR
	PREREQ CHEM 122C, 123C & 305C OR 342C & 343C			
1	08.00	M W F	NKRS C	218
461A	PHYSICAL CHEMISTRY			04.0 CR
	PREREQ CHEM 122C & 123C, 12 HR PHYS & MATH 252B			
1	11.00	M W F	NKRS C	116
	08.00-10.50	TH	NKRS C	105
2	11.00	M W F	NKRS C	116
	08.00-10.50	T	NKRS C	105
3	11.00	M W F	NKRS C	116
	01.00-03.50	TH	NKRS C	105
4	11.00	M W F	NKRS C	116
	01.00-03.50	T	NKRS C	105

468	ELEMENTS- PHYS CHEM	04.0 CR
	PREREQ 12 HRS COLLEGE PHYS AND ONE YR CALC & COLLEGE CHEM	
1	11.00 MT THF NKRS C 218	
472A	X-RAY CRYSTALLOGRAPH	04.0 CR
	PREREQ CHEM 461B	
1	04.00 M W TECH B 143	
	03.00-04.50 F TECH B 143	
496A	CHEM PROB ANALY	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIPMAN	
1	TO BE ARRANGED	
496B	CHEM PROB BIOCHEM	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN	
1	TO BE ARRANGED	
496C	CHEM PROB INORGANIC	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN	
1	TO BE ARRANGED	
496D	CHEM PROB ORGANIC	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN	
1	TO BE ARRANGED	
496E	CHEM PROB PHYSICAL	01.0 TO 12.0 CR
	PREREQ CONSENT OF INSTRUCTOR AND DEPT CHAIRMAN	
1	TO BE ARRANGED	
504	MECH & SYN-ORG CHEM	03.0 CR
	PREREQ CHEM 341C	
1	09.00 M W F NKRS C 218	
511C	ADV INORGAN CHEM	03.0 CR
	PREREQ CHEM 461C	
1	01.00 M W F NKRS A 278	
532	INST METH ANALY	03.0 CR
	PREREQ CHEM 432 OR SATISFACTORY FIELD EXAM	
1	01.00 T TH NKRS A 458	
	TO BE ARRANGED	
539	ADV TOPICS-ANAL	02.0 TO 06.0 CR
	PREREQ CHEM 432 AND 531	
1	11.00 M W F NKRS A 278	
543	ADV ORG CHEM	03.0 CR
	PREREQ CHEM 542	
1	10.00 M W F NKRS C 218	
547	ADV LAB PREPS-ORG	03.0 TO 06.0 CR
	PREREQ CHEM 446 AND CONSENT OF INS	
1	TO BE ARRANGED	
549	ADV TOPICS-ORGANIC	02.0 TO 06.0 CR
	PREREQ CHEM 543	
1	09.00 M W F NKRS A 278	
556A	ADV BIOCHEMISTRY	03.0 CR
	PREREQ CHEM 451C	
1	09.00 M W F NKRS C 118	
561	CHEM THERMODYNAMICS	03.0 CR
	PREREQ CHEM 461C OR CONSENT OF INSTR	
1	03.00 M W F NKRS A 278	
569	ADV TOPICS-PHYSICAL	02.0 TO 06.0 CR
	PREREQ CHEM 561	
1	03.00 M W F NKRS C 118	
594A	SP READ-CHEM ANALY	01.0 TO 15.0 CR
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV	
1	TO BE ARRANGED	
594B	SP READ- BIOCHEM	01.0 TO 15.0 CR
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIVISION	
1	TO BE ARRANGED	
594C	SP READ-CHEM INORG	01.0 TO 15.0 CR
	PREREQ 24 HRS OF 500 CHEM AND CONSENT OF DIV	
1	TO BE ARRANGED	

594D SP READ-CHEM ORGAN 01.0 TO 15.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIVISION  
 1 TO BE ARRANGED

594E SP READ-CHEM PHYS 01.0 TO 15.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 TO BE ARRANGED

595A ADV SEM-CHEM ANALY 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00-05.50 M NKRS C 218

595B ADV SEM-CHEM BIO 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00-05.50 T NKRS C 218

595C ADV SEM-CHEM INORG 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00-05.50 W NKRS C 218

595D ADV SEM-CHEM ORGAN 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00-05.50 F NKRS C 218

595E ADV SEM-CHEM PHYS 00.0 TO 09.0 CR  
 PREREQ 24 HRS OF 500 CHEM AND CONSENT  
 OF DIV  
 1 04.00-05.50 TH NKRS C 218

598A RES-ANALYTICAL CHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 TO BE ARRANGED

598B RES-BIOCHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 TO BE ARRANGED

598C RES-INORGANIC CHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 TO BE ARRANGED

598D RES-ORGANIC CHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 04.00-05.45 MTWTHF NKRS B 240

598E RES-PHYSICAL CHEM 01.0 TO 48.0 CR  
 PREREQ M A DEGREE OR EQUIV  
 1 TO BE ARRANGED

599 THESIS 01.0 TO 09.0 CR  
 PREREQ CONSENT OF CHAIRMAN  
 1 TO BE ARRANGED

600A DISSERT ANALYTICAL 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

600B DISSERT BIOCHEM 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

600C DISSERT INORGANIC 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

600D DISSERT ORGANIC 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

600E DISSERT - PHYSICAL 03.0 TO 48.0 CR  
 PREREQ ADMISSION TO PH D CANDIDACY  
 1 TO BE ARRANGED

# **CHIN Chinese**

120A CHIN CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 120A

1 10.00 TH FANER 1122 TAI JAMES H-Y

2 01.00 TH FANER 1122 PUNG SHWU-CHEN GRACE

201A INTER CHINESE 05.0 CR  
 PREREQ GSC 120C OR EQUIV

1 12.00 MTWTHF H EC 120 TAI JAMES H-Y



315 READINGS IN CHINESE 02.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CHIN 201C  
 1 TO BE ARRANGED TAI JAMES H-Y

**CLST Classical Studies**

376 INDEPENDENT STUDY 02.0 TO 11.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF INSTR AND CLASSICS  
 SECTION HEAD  
 1 TO BE ARRANGED

**CS Computer Science**

202 INTRO-COMPUTER PROG 04.0 CR  
 PREREQ GSD 107 OR MATH 111A OR 1 1/2  
 YRS H.S. ALGEBRA

1	09.00	M W	NKRS B	440
	08.00	T TH	NKRS A	157
2	09.00	M W	NKRS B	440
	09.00	T TH	NKRS A	157
3	09.00	M W	NKRS B	440
	10.00	T TH	NKRS A	157
4	09.00	M W	NKRS B	440
	11.00	T TH	NKRS A	157
5	09.00	M W	NKRS B	440
	12.00	T TH	NKRS A	157
6	09.00	M W	NKRS B	440
	01.00	T TH	NKRS A	157
7	09.00	M W	NKRS B	440
	02.00	T TH	NKRS A	157
8	09.00	M W	NKRS B	440
	03.00	T TH	NKRS A	157
9	09.00	M W	NKRS B	440
	09.00	T TH	TECH A	122
10	09.00	M W	NKRS B	440
	10.00	T TH	NKRS C	410
11	09.00	M W	NKRS B	440
	11.00	T TH	TECH B	20
12	09.00	M W	NKRS B	440
	12.00	T TH	NKRS C	410
13	09.00	M W	NKRS B	440
	01.00	T TH	TECH B	20
14	09.00	M W	NKRS B	440
	08.00	T TH	TECH B	20
	ABOVE SECT RESTR TO SCH OF BUS STUDENTS			
15	09.00	M W	NKRS B	440
	09.00	T TH	NKRS A	458
	ABOVE SECT RESTR TO SCH OF BUS STUDENTS			
16	09.00	M W	NKRS B	440
	10.00	T TH	NKRS A	278
	ABOVE SECT RESTR TO SCH OF BUS STUDENTS			
17	09.00	M W	NKRS B	440
	11.00	T TH	NKRS A	278
	ABOVE SECT RESTR TO SCH OF BUS STUDENTS			
18	09.00	M W	NKRS B	440
	12.00	T TH	TECH B	20
	ABOVE SECT RESTR TO SCH OF BUS STUDENTS			
19	09.00	M W	NKRS B	440
	01.00	T TH	TECH A	410
20	09.00	M W	NKRS B	440
	02.00	T TH	TECH A	120
	ABOVE SECT FOR STU WHO HAVE HAD MATH			
	140B OR 150B			

302A COMPUT STRUC & PROG 03.0 CR  
 PREREQ CS 202

1	02.00	M W	TECH A	210
	11.00	T TH	NKRS C	410
2	02.00	M W	TECH A	210
	01.00	T TH	NKRS A	278
3	02.00	M W	TECH A	210
	02.00	T TH	TECH B	20

302B	COMPUT STRUC & PROG		03.0 CR
	PREREQ CS 302A		
1	09.00	M W F	0834 114
311P	PL-1 AND ALGOL		01.0 TO 09.0 CR
	PREREQ CS 202		
1	04.00	M W F	TECH A 220
403	DATA STRUCTURES		03.0 CR
	PREREQ CS 302A		
1	11.00	M W F	NKRS C 118
411	STRUCTURE-PROG LANG		03.0 CR
	PREREQ CS 302A		
1	02.00	M W F	NKRS C 410
442	DISCRETE STRUCTURES		03.0 CR
	PREREQ MATH 301		
1	12.00	M W F	NKRS A 160
	CROSSLISTED WITH MATH 428		
451	INTRO-TH OF COMPUT		03.0 CR
	PREREQ 442 AND EITHER 445 OR CONSENT OF INSTRUCTOR		
1	10.00	M W F	NKRS A 278
	CROSSLISTED WITH MATH 451		
464A	NUMERICAL ANALY I		03.0 CR
	PREREQ 202 & MATH 305A & 221		
1	03.00	M W F	TECH A 120
	CROSSLISTED WITH MATH 475A		
495	READINGS		01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR & DEPARTMENT		
1	TO BE ARRANGED		
536	ART INT-HEURIST PRG		03.0 CR
	PREREQ CS 403		
1	01.00	M W F	TECH B 20
551	AUTOMATA THEORY		03.0 CR
	PREREQ 451		
1	12.00	M W F	NKRS A 278
	CROSSLISTED WITH MATH 528		
593	SEMINAR		01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR		
1	04.00	T TH	NKRS A 278
595	READINGS		01.0 TO 09.0 CR
	PREREQ CONSENT OF INSTR & DEPARTMENT		
1	TO BE ARRANGED		
597	SPECIAL PROBLEMS		01.0 TO 09.0 CR
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
599	THESIS		01.0 TO 09.0 CR
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		

### DES Design

201A	DESIGN FUNDAMENTALS		05.0 CR
1	06.30-08.30 PM	W	LAWSON 171
	02.00-03.30	M TH	0847 107
2	06.30-08.30 PM	W	LAWSON 171
	02.00-03.30	M TH	0863 3
	ABOVE SECTION IS A HOLD SECTION		
3	06.30-08.30 PM	W	LAWSON 171
	03.30-05.00	M TH	0847 107
4	06.30-08.30 PM	W	LAWSON 171
	03.30-05.00	M TH	0863 3
	ABOVE SECTION IS A HOLD SECTION		
5	06.30-08.30 PM	W	LAWSON 171
	06.00-07.30 PM	M TH	0847 107
6	06.30-08.30 PM	W	LAWSON 171
	06.00-07.30 PM	M TH	0863 3
	ABOVE SECTION IS A HOLD SECTION		
7	06.30-08.30 PM	W	LAWSON 171
	07.30-09.00 PM	M TH	0847 107
8	06.30-08.30 PM	W	LAWSON 171
	07.30-09.00 PM	M TH	0863 3
	ABOVE SECTION IS A HOLD SECTION		
301	INTEGRATIVE READ		04.0 CR
1	TO BE ARRANGED		

302	TEAM MANAGEMENT	04.0 CR	
1	TO BE ARRANGED		
310	HAT & PROC EXPLOR	04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR		
1	TO BE ARRANGED		ARCHER RICHARD
320	PROB SOLV STRATEGY	04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR		
1	TO BE ARRANGED		
330	PHOTO FOR DESIGNERS	04.0 CR	
1	TO BE ARRANGED		
332	VTR FOR DESIGNERS	04.0 CR	
1	TO BE ARRANGED		
335	BASIC VISUAL COMM	04.0 CR	
1	TO BE ARRANGED		
340	INTRO TO COMP GRAPH	04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR		
1	TO BE ARRANGED		FETTER WILLIAM
350	3-D STUDIES	04.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		
351	STRUCTURAL STUDIES	04.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		
354	HU SETTLE-TH FOR DES	04.0 CR	
	PREREQ COURSE LEVEL ATTAINMENT		
1	TO BE ARRANGED		
360	ARTIFACTS & MOD SOC	04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR		
1	TO BE ARRANGED		
362	INTRO TO ENVIR DES	04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR		
1	TO BE ARRANGED		
370	BASIC SYS ANALYSIS	04.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR		
1	TO BE ARRANGED		
385	INTRO TO DES SCI	04.0 CR	
	PREREQ DESIGN MAJOR OR CONSENT OF INSTR		
1	TO BE ARRANGED		
391	UNDERGRAD SEMINAR	04.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
399	INDEPENDENT STUDY	04.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		
420	PORTFOL & DISPL TEC	02.0 CR	
	PREREQ SR IN DES OR CONSENT OF INSTR & UNDERGRAD STATUS		
1	TO BE ARRANGED		
435A	HUMAN COMM DES LAB	08.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR & UNDERGRAD STATUS		
1	01.00-05.00 M WTH 0856 100		ROAN HERBERT
445A	COMPUTER GRAPH LAB	08.0 CR	
	PREREQ DES 335,340 OR 341 OR CONSENT OF INSTR & UGRAD STAT		
1	01.00-05.00 M W F 0851 100		FETTER WILLIAM
462A	DES & ENVIRONMENT	08.0 CR	
	PREREQ DES MAJ OR CONSENT OF INSTR & UNDERGRAD STATUS		
1	01.00-05.00 M W F 0857 101		
464A	PRACTICE OF DESIGN	08.0 CR	
	PREREQ DES 354 & UNDERGRAD STATUS		
1	01.00-05.00 M W F 0849 100		
485A	DESIGN SCIENCE LAB	08.0 CR	
	PREREQ SR IN DES OR CONSENT OF INSTR & UNDERGRAD STATUS		
1	01.00-05.00 M W F 0855 100		PERK WILLIAM
491	SR SEMINAR IN DES	04.0 TO 08.0 CR	
	PREREQ CONSENT OF DEPT & UNDERGRAD STATUS		
1	TO BE ARRANGED		



- 496 SPECIAL PROB IN DES 04.0 TO 12.0 CR  
PREREQ SR IN DES & CONSENT OF DEPT &  
UNDERGRAD STATUS  
1 TO BE ARRANGED  
499 SR HONORS RESEARCH 04.0 TO 12.0 CR  
PREREQ SR IN DES & CONSENT OF INSTR &  
UNDERGRAD STATUS  
1 TO BE ARRANGED

## ET Engineering Technology

- 100 ORIENTATION 00.0 CR  
1 03.00 T TECH A 221  
102A GRAPHIC COMMUNICAT 03.0 CR -(ELECTIVE PASS/FAIL)  
1 10.00 W F TECH A 111  
08.00-09.20 M TH TECH A 207  
2 10.00 W F TECH A 111  
08.00-09.20 M TH TECH A 219  
3 10.00 W F TECH A 111  
10.00-11.20 M TH TECH A 219  
4 10.00 W F TECH A 111  
10.00-11.20 M TH TECH A 207  
102B GRAPHIC COMMUNICAT 03.0 CR -(ELECTIVE PASS/FAIL)  
PREREQ E T 102A  
1 10.00 M TH TECH A 221  
01.00-02.20 T F TECH A 207  
245A ELECT SYS FOR INDUS 03.0 CR  
PREREQ MATH 111B  
1 08.00 M W F TECH A 111  
08.00-09.50 T TECH D 104  
2 08.00 M W F TECH A 111  
10.00-11.50 T TECH D 104  
3 08.00 M W F TECH A 111  
01.00-02.50 T TECH D 104  
245B ELECT SYS FOR INDUS 03.0 CR  
PREREQ 245A OR EQUIVALENT  
1 11.00 M W F TECH A 322  
01.00-02.50 TH TECH D 104  
260A STATICS & DYNAMICS 03.0 CR  
PREREQ MATH 150B CONCURRENT  
1 08.00 M W F TECH A 208  
2 03.00 M W F TECH A 208  
260B STATICS & DYNAMICS 04.0 CR  
PREREQ E T 260A  
1 10.00 MT THF TECH A 208  
304A ELECTRICAL CIRCUITS 04.0 CR  
PREREQ MATH 150B OR CONCURRENT ENROLL  
MENT  
1 10.00 M W F TECH D 104  
02.00-04.50 M TECH D 104  
2 10.00 M W F TECH D 104  
02.00-04.50 W TECH D 104  
308A MACHINE DESIGN 03.0 CR  
PREREQ ET 260-7  
1 10.00 M W F TECH A 322  
310A CONST MECHANICS 03.0 CR  
PREREQ E T 260B  
1 09.00 M W F TECH A 319  
311A STRENGTH-MATERIALS 04.0 CR  
PREREQ E T 260B  
1 08.00 M W F TECH A 220  
10.00-12.50 T TECH D 14  
2 08.00 M W F TECH A 220  
09.00-11.50 F TECH D 14  
313A EL HEAT POWER 04.0 CR  
PREREQ MATH 150A  
1 01.00 MT THF TECH A 220  
314A SOIL MECHANICS 03.0 CR  
PREREQ E T 311B  
1 10.00 W TECH A 422  
01.00-03.50 T TH TECH D 12A

2	10.00	W	TECH A	422
	06.00-08.50 PM	T TH	TECH D	12A
315	EL STRUCTURAL ANALY		04.0 CR	
	PREREQ ET 311B			
1	11.00	M W F	TECH A	210
	01.00-03.50	W	TECH A	207
318A	HYDRAULICS&PNEUMAT		04.0 CR	
	PREREQ ET 260B			
1	01.00	M W F	TECH A	122
	02.00-04.50	TH	TECH D	14A
2	01.00	M W F	TECH A	122
	02.00-04.50	T	TECH D	14A
323	OPER-PUB UTILITIES		03.0 CR	
	PREREQ GSB 361			
1	12.00	M W F	TECH A	322
332A	ELEC-MECH PRIN&DEV		03.0 CR	
	PREREQ ET 304A OR CONCURRENT ENROLLME			
	NT			
1	11.00	M W F	TECH A	221
	09.00-10.50	TH	TECH D	122
2	11.00	M W F	TECH A	221
	11.00-12.50	TH	TECH D	122
363A	SURVEYING		04.0 CR	
	PREREQ MATH 111B & E T 102A			
1	12.00	T TH	TECH A	111
	09.00-11.50	T TH	TECH A	319
2	12.00	T TH	TECH A	111
	02.00-04.50	T TH	TECH A	319
403A	ELECTRONICS TECH		04.0 CR	
	PREREQ E T 304			
1	08.00	M W F	TECH A	322
	02.00-04.50	M	TECH D	106
2	08.00	M W F	TECH A	322
	06.00-08.50 PM	M	TECH D	106
424A	POWER SYSTEMS TECH		03.0 CR	
	PREREQ ET 313B OR CONCURRENT			
1	09.00	M W F	TECH A	320
426A	PHOTOGRAMMETRY		03.0 CR	
	PREREQ ET 363A OR CONSENT OF INSTR			
1	12.00	M W	TECH A	319
	02.00-04.50	M	TECH A	319
2	12.00	M W	TECH A	319
	02.00-04.50	F	TECH A	319
430	SP PROB-INDUS&TECH		01.0 TO 08.0 CR	
	PREREQ CONSENT OF COORDINATOR			
1	TO BE ARRANGED			
2	TO BE ARRANGED			
	ABOVE SECT RESTR TO ENVIR HEALTH INST			
	STUDENTS			
437A	COMM SYSTEMS TECH		03.0 CR	
	PREREQ E T 304			
1	09.00	M W F	TECH A	208
	08.00-09.50	T	TECH D	106
2	09.00	M W F	TECH A	208
	10.00-11.50	T	TECH D	106
438C	DES OF CONT&DIG SYS		03.0 CR	
	PREREQ ET 304A OR CONCURRENT ENROLLME			
	NT			
1	10.00	M W F	TECH A	220

**ECON****Economics**

214	ECONOMICS-MACRO		04.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00	M WTHF	LS II	350
2	09.00	MT THF	LAWSON	201
3	10.00	MTW F	WHAM	205
4	11.00	MT THF	LAWSON	101
5	01.00	TWTHF	LAWSON	101
6	03.00	T TH	WHAM	302
	03.00	W F	LAWSON	131
7	05.45-07.25	T TH	CL	328

215	ECONOMICS-MICRO		04.0 CR -(ELECTIVE PASS/FAIL)
1	09.00	MTWTH	LAWSON 221
2	10.00	MTW F	WHAM 201
3	11.00	MTWTH	WHAM 302
4	03.00	MT THF	CL 328
5	05.45-07.25	T TH	WHAM 201
301	ECONOMIC READINGS		01.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)
	PREREQ	CONSENT OF INSTR & CHAIRMAN	
1	TO BE ARRANGED		MARTINSEK CATHERINE
308	ECON-BUS STAT I		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSD 110	
1	08.00	M WTHF	CL 24 ELLIS DENNIS
2	10.00	M W	PARK 111 FORAN TERRY
	10.00	T F	WHAM 302
3	11.00	M WTHF	CL 328 ELLIS DENNIS
4	01.00	MT THF	CL 24 BUNGER BYRON
5	02.00	TWTHF	AG 168 MARTINSEK THOMAS
310	LABOR PROBLEMS		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 215	
1	12.00	MTWTH	CL 328 EDELMAN MILTON T
315	MONEY AND BANKING I		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 214	
1	08.00	TWTHF	WHAM 302 VOGEL ROBERT
2	02.00	MTW F	AG 154 ELLIS ROBERT J JR
323	OPER-PUB UTILITIES		03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 361	
1	12.00	M W F	TECH A 322 RUSSELL MILTON
	CROSSLISTED WITH ET	323	
411	COLLECTIVE BARGAIN		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 310 OR CONSENT OF INSTR	
1	03.00-04.50	M W	WHAM 312 EDELMAN MILTON T
416	MONEY & BANKING II		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 315 OR CONSENT OF INSTR	
1	12.00	M WTHF	CL 109 BUSER STEPHEN A
422	INTRO ECON DEVELOP		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 214 AND 215	
1	09.00	TWTHF	CL 24 LAYER ROBERT
425A	ECON IN GEOGRAPHY		04.0 CR -(ELECTIVE PASS/FAIL)
1	01.00-02.50	T TH	0486 101 BEAZLEY RONALD
	CROSSLISTED WITH GEOG	422A	
429	INTERNATIONAL ECON		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 214 & 215 OR CONSENT OF INSTR	
1	01.00	MT	COMM 1017 STOWE PETER S
	01.00	F	CL 328
	01.00	TH	AG 168
431	PUBLIC FINANCE II		03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 330 OR CONSENT OF INSTR	
1	02.00	M	AG 216 FRYMAN RICHARD F
	02.00	THF	AG 166
440	INTERMED MICRO THEO		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 215 OR CONSENT OF INSTR	
1	11.00	MTWTH	CL 109 BLACKORBY CHARLES
441	INTERMED MACRO TH		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ECON 214 OR CONSENT OF INSTR	
1	10.00	TWTHF	CL 109 VOGEL ROBERT
450A	HIST ECON THOUGHT		04.0 CR
	PREREQ	ECON 215 OR CONSENT OF INSTR	
1	04.00	MTW F	WHAM 321 WIEGAND G CARL
465	MATH ECON I		04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	MATH 140A,B AND ECON 440 OR CONSENT OF INSTR	
1	08.00	MT THF	CL 109 BUNGER BYRON M
501	ECONOMICS READINGS		01.0 TO 12.0 CR
	PREREQ	CONSENT OF INSTR AND CHAIRMAN	
1	TO BE ARRANGED		MARTINSEK CATHERINE
502	READING IN RES ECON		01.0 TO 06.0 CR
	PREREQ	CONSENT OF FORESTRY DEPT	
1	TO BE ARRANGED		



505	SEM-POLITICAL ECON	02.0 TO 12.0 CR			
	PREREQ ECON 440 OR CONSENT OF INSTR				
1	03.00-04.50	TH	CL	109	FORD ARTHUR
507	PRACT-UNDERGRAD TCH	01.0 TO 12.0 CR			
1	03.00	F	CL	109	STALON CHARLES
520A	EC DEV TH & POLICY	04.0 CR			
	PREREQ CONSENT OF INSTR				
1	05.45-07.25	M W	CL	326	FORD ARTHUR
522	MICR FOUR-LABOR MKT	04.0 CR			
	PREREQ 465, 308				
1	01.00	MTW F	CL	326	FORAN TERRY G
526	MANAGERIAL ECON	04.0 CR			
	PREREQ ECON 214 & 215 CR 351 OR				
	CONSENT OF INSTR				
1	08.00-09.50	T F	CL	328	SANDERS RONALD L
	CROSSLISTED WITH BA 526				
530	FOREIGN TRADE	04.0 CR			
	PREREQ ECON 429 OR CONSENT OF INSTR				
1	03.00-04.50	M W	CL	109	BUSER STEPHEN
541A	MACROECON THEORY I	04.0 CR			
	PREREQ 441 OR CONSENT OF INSTR				
1	02.00	MTWTH	CL	326	STALON CHARLES G
581	ECON OF WELFARE	04.0 CR			
	PREREQ ECON 440 OR CONSENT OF INSTR				
1	05.45-07.25	T TH	CL	109	MARTINSEK THOMAS A
590	SEM-CONTEMP ECON	01.0 TO 06.0 CR			
1	04.00	F	CL	109	CORNWALL JOHN L
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				ELLIS ROBERT J JR
600	DOCTORAL DISSERTAT	01.0 TO 48.0 CR			
1	TO BE ARRANGED				ELLIS ROBERT

**EDAF Educational Administration and Foundations**

355	PHILOSOPHY OF EDUC	04.0 CR			
1	08.00	MTWTH	WHAM	201	
2	08.00	MTW F	WHAM	228	
3	09.00	MTWTH	FANER	1004	TENNY
	ABOVE SECTION CROSSLISTED WITH PHIL 355				
4	10.00	MTWTH	WHAM	228	
5	10.00	MTW F	WHAM	208	
6	11.00	MTWTH	WHAM	228	
7	12.00	MTWTH	WHAM	201	
8	12.00	MTWTH	WHAM	210	
9	02.00	MTWTH	WHAM	228	
10	03.00	MTWTH	WHAM	228	
11	04.00	MTWTH	WHAM	326	
12	05.45-07.25	M	WHAM	201	
	05.45-07.25	W	WHAM	208	
421	LAW AND THE TEACHER	02.0 TO 04.0 CR			
1	06.30-08.20 PM	TH	WHAM	205	SEALEY RONALD W
	EXTRA LAB WORK REQ FOR MORE THAN 2 CR				
431	HIST OF EDUC IN U S	04.0 CR			
1	06.30-09.00 PM	TH	WHAM	210	EATON WILLIAM E
	ADDITIONAL MEETINGS TBA				
454	CONTRAST PHIL IN ED	04.0 CR			
1	09.00-11.30	S	WHAM	328	LEAN ARTHUR EDWARD
500	RESEARCH METHODS	04.0 CR			
1	06.30-09.00 PM	W	WHAM	312	BACH JACOB O
2	06.30-09.00 PM	T	WHAM	329	BACH JACOB O
501A	SEMINAR IN EDAD	04.0 CR			
1	06.30-09.00 PM	M	WHAM	212	KAISER DALE
503	SEM-PHIL OF EDUC	00.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				LEAN ARTHUR EDWARD
507A	20TH CENTURY & EDUC	04.0 CR			
1	06.30-09.00 PM	T	WHAM	307	CHRISTENSEN JAMES
508A	INTERDISCIP SEM ED	04.0 CR			
	PREREQ ADVANCED GRAD STAND OR CONSENT				
	OF INSTR				
1	06.30-09.00 PM	T	WHAM	321	MOORE MALVIN JR

511A	INTERN PRACTICUM	04.0 CR			
	PREREQ CONSENT OF ADVISOR OR COMMITTEE & DEPT CHAIRMAN				
1	TO BE ARRANGED				ARMISTEAD & MOORE
511B	INTERN PRACTICUM	04.0 CR			
	PREREQ CONSENT OF ADVISOR OR COMMITTEE & DEPT CHAIRMAN				
1	TO BE ARRANGED				ARMISTEAD & MOORE
511C	INTERN PRACTICUM	04.0 CR			
	PREREQ CONSENT OF ADVISOR OR COMMITTEE & DEPT CHAIRMAN				
1	TO BE ARRANGED				ARMISTEAD & MOORE
520B	ILLINOIS SCHOOL LAW	04.0 CR			
1	06.30-09.00 PM W	WHAM 206			SEALEY RONALD
524A	SCHL ADMINISTRATION	04.0 CR			
1	06.30-09.00 PM W	WHAM 301B			SHELTON WILLIAM
524B	SCHL ADMINISTRATION	04.0 CR			
	PREREQ EDAF 524A				
1	06.30-09.00 PM T	WHAM 208			PARKER JAMES
533	SCHOOL BUILDINGS	04.0 CR			
1	06.30-09.00 PM TH	WHAM 228			CRUCE DONALD G
534C	EDUCATIONAL DATA P	04.0 CR			
1	06.30-09.00 PM TH	WHAM 329			KAISER DALE
556A	EDUCATIONAL SUPRVSN	04.0 CR			
1	06.30-09.00 PM M	WHAM 329			ARMISTEAD FRED J
560	CURRICULUM	04.0 CR			
1	06.30-09.00 PM W	WHAM 329			
	CROSSLISTED WITH S ED 561				
575A	IND RES CURRICULUM	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
575B	IND RES SUPERVISION	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				ARMISTEAD
575C	IND RES BUILDINGS	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				CRUCE DONALD G
575D	IND RES FINANCE	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				KAISER DALE
575E	IND RES SCHOOL LAW	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				SEALEY RONALD
575F	IND RES COMPAR EDUC	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				LEAN
575G	IND RES HIST EDUC	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				MCKENZIE & EATON
575H	IND RES PHIL EDUC	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				MCKENZIE
575I	IND RES-SOC OF ED	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				MOORE MALVIN
575J	IND RES ADMIN	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				SASSE EDWARD B
576A	READINGS ADM-FOUND	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
576B	READINGS ADM-FOUND	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
576C	READINGS ADM-FOUND	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
591	SEM-SOC & PHIL FOUN	02.0 CR			
	PREREQ ADMISSION TO A DOCTORAL PROGRAM IN EDUCATION				

1	10.00-11.50	M	WHAM	301B	DENNIS LAWRENCE J
	OPEN TO FULLY ADMITTED DOCTORAL STUDENTS				
2	02.00-03.50	M	WHAM	212	DENNIS LAWRENCE J
	OPEN TO FULLY ADMITTED DOCTORAL STUDENTS				
592	DOCT SEM CULT FOUND			04.0 CR	
	PREREQ EDAF 591 AND GUID 590				
1	10.00-11.50	T TH	WHAM	301B	MCKENZIE WILLIAM R
2	02.00-03.50	T TH	WHAM	301B	MCKENZIE WILLIAM R
596	IND INVESTIGATION			05.0 TO 09.0 CR	
1	TO BE ARRANGED				
599	THESIS			05.0 TO 09.0 CR	
1	TO BE ARRANGED				
600	DISSERTATION			01.0 TO 48.0 CR	
1	TO BE ARRANGED				

**ELED Elementary Education**

100	INTRO TO ELEM EDUC			03.0 CR	
	PREREQ FRESHMAN OR SOPHOMORE STANDING				
1	09.00	M W F	WHAM	208	
2	11.00	M W F	WHAM	208	
3	02.00	M W F	WHAM	321	
203	UNDRSTD EL SCH CHLD			03.0 CR	
	PREREQ GSB 201C				
1	10.00	T TH	WHAM	303	
2	03.00	M W	WHAM	203	
301	FIELD EXPERIENCE			02.0 CR	
1	TO BE ARRANGED				
	RESTR TO CONS OF PROF EDUC EXPERIENCES				
309	KIND-PRIM SOC STUD			03.0 CR	
	PREREQ 316				
1	03.00	MT TH	WHAM	210	
310	TEACHING OF EL MATH			04.0 CR	
	PREREQ MATH 308, 309				
1	08.00	MTWTHF	WHAM	202	
2	10.00	MTWTHF	WHAM	202	
3	11.00	MTWTHF	WHAM	202	
4	12.00	MTWTHF	WHAM	202	
5	02.00	MTWTHF	WHAM	202	
6	05.30-07.30	T TH	WHAM	202	
312	INSTR ANAL&FIELD WK			02.0 TO 08.0 CR	
	PREREQ ADMISSION TO TEACHER EDUCATION PROGRAM				
1	TO BE ARRANGED				
	RESTR TO CONS OF PROF EDUC EXPERIENCES				
2	TO BE ARRANGED				
	RESTR-CONS OF PROF ED EXP-BLOCK PROG-2CR				
	-SEE BELOW*				
3	TO BE ARRANGED				
	STUDT SHOULD LEAVE 8-12 WTH FREE-4CR-SEE NOTE BELOW**				
314	ELEM SCHOOL METHODS			04.0 CR	
	PREREQ GUID 305				
1	09.00	MTWTH	WHAM	205	
2	11.00	MTWTH	WHAM	201	
3	01.00	MTWTH	WHAM	210	
4	02.00	MTWTH	WHAM	206	
5	06.00-09.00 PM	W	WHAM	210	
	ALL SECTS ELED 314 RESTR TO ELED, SP&A AND SP E MAJS				
316	KINDER PRIMARY METH			04.0 CR	
	PREREQ GUID 305				
1	09.00	MT THF	WHAM	201	
337	READING IN ELEM SCH			04.0 CR	
	PREREQ 314				
1	TO BE ARRANGED				
	ABOVE SEC-LEAVE 8-12 M FREE-SEE NOTE BELOW**				
2	10.00	MTWTH	WHAM	203	BROD ERNEST
3	11.00	MTWTH	WHAM	203	BROD ERNEST
4	01.00	MT THF	WHAM	203	
	ABOVE SECT RESTR TO BLOCK PROGRAM-ELED MAJORS*				



5	02.00	MT THF	WHAM	203	
	ABOVE SECT RESTR TO BLOCK PROGRAM-ELED MAJORS*				
6	06.00-09.00 PM	M	WHAM	205	
350	KIND PRI STUD TCH		04.0 TO 16.0	CR	
1	TO BE ARRANGED				DIXON BILLY G
351	EL STUDENT TCH		04.0 TO 16.0	CR	
1	TO BE ARRANGED				DIXON BILLY G
	GENERAL				
2	TO BE ARRANGED				DIXON BILLY G
	ART				
3	TO BE ARRANGED				DIXON BILLY G
	SP ED - M R				
4	TO BE ARRANGED				DIXON BILLY G
	MUSIC				
5	TO BE ARRANGED				DIXON BILLY G
	PE				
6	TO BE ARRANGED				DIXON BILLY G
	PH				
7	TO BE ARRANGED				DIXON BILLY G
	SP C				
8	TO BE ARRANGED				DIXON BILLY G
	SP ED - E D				
9	TO BE ARRANGED				
	SP ED - L D				
ELED 350 and 351 - Student teachers are expected to be on duty in the public schools according to the calendar of the schools in which they are teaching. During the time in which University students are student teaching, it may therefore be necessary for them to follow a calendar different from the quarterly University calendar. When this is necessary, the Chairman of Professional Education Experiences will inform the students sufficiently far enough in advance so that they may make necessary arrangements.					
375	READINGS IN EL ED		02.0 TO 03.0	CR	
1	TO BE ARRANGED				BRADFIELD LUTHER E
	REG IN 375 REQUIRES WRITTEN PERMISSION OF INSTR				
411	SEM IN INSTRUCTION		04.0	CR	
1	10.00	MT THF	WHAM	210	LINDBERG DORMALEE H
	RESTR TO ELED MAJS IN BLOCK PROGRAM*				
2	11.00	MT THF	WHAM	210	LINDBERG DORMALEE H
	RESTR TO ELED MAJS IN BLOCK PROGRAM*				
413	CHILDRENS LIT		04.0	CR	
	PRREQ GUID 305				
1	01.00	MTWTH	WHAM	208	MATTHIAS MARGARET
2	03.00	MTWTH	WHAM	208	MATTHIAS MARGARET
415	IMPR MATH UP EL SCH		04.0	CR	
	PRREQ ELED 310 OR CONSENT OF INSTR				
1	01.00	MTWTHF	WHAM	202	BEATTIE IAN D
423	TCH EL ENG LANG ART		04.0	CR	
	PRREQ ELED 314 & 337 OR 316 & 337				
1	TO BE ARRANGED				HILL MARGARET K
	ABOVE SEC-LEAVE 8-12 TU FREE-SEE NOTE BELOW**				
2	09.00	MTWTH	WHAM	210	SHEPHERD TERRY R
3	10.00	MT THF	WHAM	206	
4	11.00	MTWTH	WHAM	206	SHEPHERD TERRY R
5	06.00-09.00 PM	T	WHAM	210	
424	TEACH EL SOC STUD		04.0	CR	
	PRREQ ELED 314 OR 316				
1	TO BE ARRANGED				SWICK KEVIN J
	ABOVE SEC-LEAVE 8-12 F FREE-SEE NOTE BELOW**				
2	09.00	MTWTH	WHAM	206	LAMB MORRIS L
3	01.00	MT THF	WHAM	206	SLOAN FRED A JR
4	02.00	MTWTH	WHAM	303	LAMB MORRIS L
5	03.00	MTWTH	WHAM	206	SLOAN FRED A JR

\*\* Students participating in the professional year sequence should register for ELED 337, Sec. 1; ELED 423, Sec. 1; ELED 424, Sec. 1; and ELED 312, Sec. 3. This is a total of 16 hours credit, all of which will be earned in a public school center.

431	ED FOR DISADV CHILD	04.0 CR	
1	09.00 MT THF WHAM	203	SWICK KEVIN J
	RESTR TO ELED MAJS IN BLOCK PROGRAM *		
2	02.00 MT THF WHAM	208	SWICK KEVIN J

\* ELED Block Program - Students must leave Wed. free for participation in the schools and take ELED 411, 431, 312-Sec. 2, and 337 (sections 4 or 5) and any other specialized methods course which does not conflict with Wednesday.

441	INTRO-TEACH EL SCI	04.0 CR	
	PREREQ ELED 314		
1	09.00 MTWTH PULL	304	TOMERA AUDREY N
2	01.00 MTWTH PULL	304	TOMERA AUDREY N
3	02.00 MTWTH PULL	304	HUNGERFORD HAROLD R
4	06.00-09.00 PM TH PULL	304	TOMERA AUDREY N
5	06.00-09.00 PM T PULL	304	HUNGERFORD HAROLD R
442	ANLY&DES EL SCI CUR	04.0 CR	
	PREREQ 441 OR CONSENT OF INSTR		
1	03.00-04.50 MT PULL	304	HUNGERFORD HAROLD R
445	PAR INVOLVE IN EDUC	04.0 CR	
1	06.00-09.00 PM M WHAM	208	QUISENBERRY NANCY L
505	READING IN ELEM SCH	04.0 CR	
1	06.30-09.00 PM M WHAM	203	BROD ERNEST E
507A	READINGS-CURRICULUM	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		SLOAN FRED
2	TO BE ARRANGED		LINDBERG DORMALEE
507B	READING-SUPERVISION	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		BRADFIELD LUTHER
2	TO BE ARRANGED		LAMB MORRIS
507C	READINGS-LANG ARTS	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		SHEPHERD TERRY
2	TO BE ARRANGED		QUISENBERRY NANCY
507D	READINGS-SCIENCE	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		HUNGERFORD HAROLD
2	TO BE ARRANGED		TOMERA AUDREY
507E	READINGS-READING	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		HILL MARGARET
2	TO BE ARRANGED		FISHCO DANIEL
3	TO BE ARRANGED		BROD ERNEST
507F	READINGS-SOCIAL STU	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		LAMB MORRIS
2	TO BE ARRANGED		SLOAN FRED
3	TO BE ARRANGED		SWICK KEVIN
507G	READINGS-ELED PROB	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		
2	TO BE ARRANGED		
507H	READINGS-MATH	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		BEATTIE IAN
2	TO BE ARRANGED		PAIGE DONALD
507J	READINGS-EAR CHILD	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		QUISENBERRY NANCY
2	TO BE ARRANGED		
507K	READINGS-ADM & SUPV	02.0 TO 04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		BRADFIELD LUTHER
2	TO BE ARRANGED		LAMB MORRIS
3	TO BE ARRANGED		

509A	PRACT-CURRICULUM	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		SLOAN FRED
2	TO BE ARRANGED		LINDBERG DORMALEE
509B	PRACT-SUPERVISION	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		BRADFIELD LUTHER
2	TO BE ARRANGED		LAMB MORRIS
509C	PRACT-LANG ARTS	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		SHEPHERD TERRY
2	TO BE ARRANGED		
509D	PRACT-SCIENCE	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		HUNGERFORD HAROLD
2	TO BE ARRANGED		TOMERA AUDREY
509E	PRACT-READING	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		HILL MARGARET K
2	TO BE ARRANGED		FISHCO DANIEL
3	TO BE ARRANGED		BROD ERNEST
509F	PRACT-SOCIAL STUDY	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		LAMB MORRIS
2	TO BE APRANGED		SLOAN FRED
3	TO BE ARRANGED		SWICK KEVIN
509H	PRACT-MATH	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		BEATTIE IAN
2	TO BE ARRANGED		
509J	PRACT-EARLY CHILD	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		QUISENBERRY NANCY
2	TO BE ARRANGED		
509K	PRACT-ADMIN & SUPER	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		BRADFIELD LUTHER
2	TO BE ARRANGED		LAMB MORRIS
515	PROB ARITH ELEM SCH	04.0 CR	
	PREREQ 415 OR CONSENT OF INSTRUCTOR		
1	06.30-09.00 PM M	WHAM 202	PAIGE DONALD
516	INTERN IN READING	04.0 TO 12.0 CR	
	PREREQ 521A, B, AND C, & CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		FISHCO DANIEL T
	REG IN 516 REQUIRES WRITTEN PERMISSION OF INSTR		
2	TO BE ARRANGED		HILL MARGARET K
518	SUPR OF PROF EXPER	04.0 CR	
1	TO BE ARRANGED		DIXON BILLY G
519	READINGS-ELEM MATH	02.0 TO 04.0 CR	
	PREREQ 415, 515		
1	TO BE ARRANGED		
520	DIAG ELEM MATH DISA	04.0 CR	
	PREREQ 515 OR CONCURRENT REGISTRATION		
1	TO BE ARRANGED		
521A	DIAG-COR READ DISAB	04.0 CR	
	PREREQ 505, OR CONCURRENT REGISTRAT., AND TEACHING EXPER.		
1	09.00-12.00 F	WHAM 118	
2	09.00-12.00 S	WHAM 118	
542	LANG ARTS IN EL SCH	01.0 TO 04.0 CR	
1	06.30-09.00 PM M	WHAM 210	SHEPHERD TERRY
560	KIND-PRI ED	04.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	06.30-09.00 PM T	WHAM 305	QUISENBERRY NANCY
561	ELEM SCH CURR	04.0 CR	
1	06.30-09.00 PM M	WHAM 206	SLOAN FRED A JR
563	ORGANIZATION EL SCH	04.0 CR	
1	06.30-09.00 PM T	WHAM 212	LAMB MORRIS L
564A	INTERN-CURRICULUM	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		



1	TO BE ARRANGED		SLOAN FRED
2	TO BE ARRANGED		LINDBERG DORMALEE
564B	INTERN-SUPERVISION	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		BRADFIELD LUTHER
2	TO BE ARRANGED		LAMB MORRIS
564C	INTERN-LANG ARTS	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		SHEPHERD TERRY
2	TO BE ARRANGED		
564D	INTERN-SCIENCE	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		HUNGERFORD HAROLD
2	TO BE ARRANGED		TOMERA AUDREY
564E	INTERN-READING	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		BROD ERNEST
2	TO BE ARRANGED		FISHCO DANIEL
3	TO BE ARRANGED		HILL MARGARET
564F	INTERN-SOC STUDIES	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		LAMB MORRIS
2	TO BE ARRANGED		SLOAN FRED
3	TO BE ARRANGED		SWICK KEVIN
564H	INTERN-MATH	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		BEATTIE IAN
2	TO BE ARRANGED		PAIGE DONALD
564J	INTERN-EARLY CHILD	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		QUISENBERRY NANCY
2	TO BE ARRANGED		
564K	INTERN-ADMIN & SUP	04.0 TO 12.0 CR	
	PREREQ CONSENT OF INSTR		
1	TO BE ARRANGED		BRADFIELD LUTHER
2	TO BE ARRANGED		LAMB MORRIS
575A	IND RES CURRICULUM	02.0 TO 04.0 CR	
1	TO BE ARRANGED		LINDBERG DORMALEE
2	TO BE ARRANGED		SLOAN FRED A JR
575B	IND RES SUPERVISION	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BRADFIELD LUTHER E
2	TO BE ARRANGED		LAMB MORRIS
575C	IND RES LANG ARTS	02.0 TO 04.0 CR	
1	TO BE ARRANGED		SHEPHERD TERRY R
2	TO BE ARRANGED		QUISENBERRY NANCY L
575D	IND RES SCIENCE	02.0 TO 04.0 CR	
1	TO BE ARRANGED		HUNGERFORD HAROLD R
575E	IND RES READING	02.0 TO 04.0 CR	
1	TO BE ARRANGED		FISHCO DANIEL T
2	TO BE ARRANGED		HILL MARGARET
3	TO BE ARRANGED		BROD ERNEST
575F	IND RES SOC STUD	02.0 TO 04.0 CR	
1	TO BE ARRANGED		SWICK KEVIN J
2	TO BE ARRANGED		LAMB MORRIS L
3	TO BE ARRANGED		SLOAN FRED A JR
575G	IND RES ELEM ED	02.0 TO 04.0 CR	
1	TO BE ARRANGED		LINDBERG DORMALEE H
2	TO BE ARRANGED		BRADFIELD LUTHER E
575H	IND RES ARITHMETIC	02.0 TO 04.0 CR	
1	TO BE ARRANGED		BEATTIE IAN D
2	TO BE ARRANGED		PAIGE DONALD D
575J	IND RES PROB IN K-P	02.0 TO 04.0 CR	
1	TO BE ARRANGED		QUISENBERRY NANCY L
2	TO BE ARRANGED		
596	INDEPENDENT INVEST	05.0 TO 09.0 CR	
1	TO BE ARRANGED		
599	THESIS	03.0 TO 09.0 CR	
1	TO BE ARRANGED		
600	DISSERTATION	01.0 TO 48.0 CR	
1	TO BE ARRANGED		HILL MARGARET
2	TO BE ARRANGED		FISHCO DANIEL T

3 TO BE ARRANGED  
 4 TO BE ARRANGED  
 5 TO BE ARRANGED  
 6 TO BE ARRANGED  
 7 TO BE ARRANGED  
 8 TO BE ARRANGED  
 9 TO BE ARRANGED  
 10 TO BE ARRANGED  
 11 TO BE ARRANGED

SLOAN FRED A JR  
 BRADFIELD LUTHER E  
 BEATTIE IAN D  
 HUNGERFORD HAROLD R  
 PAIGE DONALD D  
 LAMB MORRIS  
 SWICK KEVIN J  
 LINDBERG DORMALEE H  
 QUISENBERRY NANCY L

# **ENG English**

105A	ENG COMP-FOREIGN ST	03.0 CR	
	PREREQ EQUIVALENT TO GSD 101-LIMITED TO FOREIGN STUDENTS		
1	08.00 M THF 0720	102	
	08.00 T 0720	102	
2	09.00 M THF 0720	102	
	08.00 T 0720	102	
105B	ENG COMP-FOREIGN	03.0 CR	
	PREREQ EQUIVALENT TO GSD 102-LIMITED TO FOREIGN STUDENTS		
1	04.00 MTWTH FANER	1030	
209	INTRO- THREE GENRES	04.0 CR	
	PREREQ GSD 102 OR EQUIVALENT		
1	11.00 MT THF 0720	105	BOYLE TED
2	01.00 MT THF 0720	108	METES GEORGE
3	04.00 MT THF FANER	2010	WHITEHEAD FREDERICK
290	EXPOSITORY WRITING	03.0 CR	
	PREREQ GSD 102		
1	09.00 M W H EC	120	MARTIN JOAN
	09.00 F H EC	122	
2	10.00 MT TH H EC	202	MITCHELL BETTY
3	11.00 M W H EC	118	MARTIN JOAN
	11.00 F H EC	122	
4	12.00 M W F FANER	2006	MCNICHOLS ED
5	02.00 M PULL	37	MITCHELL BETTY
	02.00 T WHAM	328	MITCHELL BETTY
	02.00 TH 0720	116	MITCHELL BETTY
6	06.00-07.25 PM M W H EC	201	HILLIARD LEWIS
7	07.35-09.00 PM M W H EC	102	HILLIARD LEWIS
300	INTR TO LANG ANAL	04.0 CR	
1	09.00-10.50 T TH 0720	107	FRIEND JEWELL A
2	01.00-02.50 M W 0720	104	EPSTEIN EDMUND LLOYD
302A	ENG LIT TO 1550	04.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00 MT THF FANER	2008	RAINBOW RAYMOND S JR
2	03.00 M WTHF H EC	104	HATTON THOMAS
302B	ENG LIT 1550-1750	04.0 CR	-(ELECTIVE PASS/FAIL)
1	09.00 MT THF 0720	103	VIETH DAVID
2	01.00 MT THF 0720	105	HARRELL ROBERT
302C	ENG LIT-AFTER 1750	04.0 CR	-(ELECTIVE PASS/FAIL)
1	12.00 MT THF 0720	109	PETERSON RICHARD
2	02.00 MT THF 0720	117	HILLEGAS MARK
309A	AMER LIT-TO 1860	04.0 CR	-(ELECTIVE PASS/FAIL)
1	10.00 MTWTH 0720	103	WEBB HOWARD
2	12.00 MT THF 0720	105	MORRILL PAUL
309B	AMER LIT 1860-1920	04.0 CR	-(ELECTIVE PASS/FAIL)
1	04.00 MT THF FANER	2008	SHRIBER MICHAEL
309C	AM LIT 1920-PRESENT	04.0 CR	-(ELECTIVE PASS/FAIL)
1	11.00 MT THF 0720	104	GOODIN GEORGE
2	02.00 MT THF 0720	109	HOWELL JOHN
390	ADVANCE COMPOSITION	03.0 CR	
	PREREQ C IN GSD 101 & 102 OR EQUIV		
	ENG MAJ OR MIN OR CONS		
1	09.00 M W F 0720	117	WESHINSKEY ROY
2	11.00 MT TH 0720	116	PETERSON RICHARD
3	12.00 MT TH 0720	103	RICHMAN LOIS
4	02.00 M WTH 0720	105	RICHMAN LOIS ANNE
	ABOVE SECTION RESTR TO PRE-LAW STUDENTS		
392	PROF WRITING I	03.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		LEONARD JOSEPH

393 STUDIES IN LIT 03.0 TO 09.0 CR  
 1 12.00 MT TH FANER 3113 SIMONE  
 ABOVE SECT TOPIC-THE BALLAD  
 2 02.00 M WTH 0720 101 LITTLE JUDY R  
 ABOVE SECT TOPIC-WOMEN IN LITERATURE  
 400 INTRO ENG LINGUIST 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 08.00 MT THF FANER 2010 FRIEND JEWELL A  
 404A MID ENG LIT-EX CHAU 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 03.00 MT THF FANER 2010 GARDNER JOHN C  
 412C AGE OF DRYDEN 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ MAY BE TAKEN SINGLY  
 1 11.00 MT THF FANER 2205 VIETH DAVID  
 420A AMER POET - TO 1900 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ MAY BE TAKEN SINGLY  
 1 08.00 MT THF 0720 101 STIBITZ EARLE  
 421A ENG POET-EARLY ROM 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 11.00 M WTHF 0720 103 BENZIGER JAMES  
 421C ENG POET-VICTORIAN 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 12.00 MT THF WHAM 312 HILLEGAS MARK  
 431A AM WRIT 1620-1800 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 09.00 MT THF 0720 101 STIBITZ EARLE  
 454A ENG FICT-18C NOVEL 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 12.00 MT TH 0720 107 SCHONHORN MANUEL  
 12.00 F 0720 114  
 454C ENG FICT-CONTEMP BR 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 10.00 MT THF 0720 109 BOYLE TED EUGENE  
 456 MODERN CONT FICT 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 10.00 MT THF 0720 101 RAIZIS BYRON  
 458A AMER FICT - NOVEL 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 05.45-07.15 T TH H EC 102 WEBB HOWARD W JR  
 458B AMER FICT - CONTEMP 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 09.00 MT THF 0720 106 LAWSON RICHARD  
 2 04.00 MT THF FANER 1024 PIPER H D  
 460A BRIT DRAMA-ELIZABTH 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 01.00 MT THF 0720 103 BROWN WILLIAM J  
 468 AMERICAN DRAMA 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 01.00 MT THF 0720 109 HURLEY PAUL  
 471A SHAKESPEARE 04.0 CR  
 1 02.00 MT THF 0720 108 DONOW HERBERT S  
 471B SHAKESPEARE 04.0 CR  
 1 03.00 MT THF FANER 2008 BROWN JACK  
 2 04.00 MT THF FANER 1032 DONOW HERBERT  
 485 PROB TCHG ENG IN HS 04.0 CR  
 1 10.00-11.50 T TH 0720 108 APPLEBY BRUCE  
 01.00-02.50 F WHAM 301B  
 2 01.00-02.50 T LS II 228 EVANS WILLIAM H  
 492A PROFESSIONAL WRI II 04.0 CR  
 PREREQ ENGLISH 392 OR CONSENT OF INST  
 RUCTOR  
 1 06.00 PM M W H EC 102 GARDNER JOHN C  
 493 SP PROB IN ENG 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF INSTR  
 1 02.00 MT THF 0720 102 PETERSON RICHARD  
 2 03.00 MT THF FANER 1124 HOWELL JOHN  
 TOPIC-AM LIT IN 1920'S, FAULKNER &  
 HEMINGWAY  
 495A LIT CRITICISM-HIST 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 11.00 MT THF 0720 101 RUDNICK HANS  
 495B LIT CRITICISM-MOD 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 08.00 MT THF 0720 118 RUDNICK HANS-H  
 2 07.35-09.15 PM M W CL 326 HURLEY PAUL  
 497A HONORS ENGLISH 04.0 CR  
 PREREQ UNDERGRAD WITH DEPARTMENTAL  
 APPROVAL  
 1 12.00-01.50 T TH FANER 2006 RAIZIS BYRON  
 TOPIC-PROMETHEUS MYTH  
 2 12.00-01.50 M W FANER 2205 HATTON TOM  
 TOPIC-CHAUCER: CANTERBURY TALES  
 497B HONORS ENGLISH 04.0 CR  
 PREREQ UNDERGRAD WITH DEPARTMENTAL  
 APPROVAL



1	12.00-01.50	T TH	FANER	2006	RAIZIS BYRON
	TOPIC-PROMETHEUS MYTH				
2	12.00-01.50	M W	FANER	2205	HATTON TOM
	TOPIC-CHAUCER: CANTERBURY TALES				
497C	HONORS ENGLISH		04.0 CR		
	PREREQ UNDERGRAD WITH DEPARTMENTAL APPROVAL				
1	TO BE ARRANGED				TAYLOR LARRY
499	READINGS IN ENGLISH		02.0 TO 08.0 CR		
	PREREQ CONSENT OF DEPT - NO MORE THAN 4 HRS CR PER QUARTER				
1	TO BE ARRANGED				TAYLOR LARRY
500	M & M ENG RESEARCH		02.0 CR		
1	12.00	M W	FANER	1136	
501	OLD ENGLISH GRAMMAR		04.0 CR		
1	09.00	MT THF	FANER	2205	RAINBOW RAYMOND S JR
514A	RESTORATION LIT		04.0 TO 08.0 CR		
	PREREQ CONSENT OF DEPT				
1	08.00-09.50	T TH	FANER	2204	SCHONBORN MANUEL
	TOPIC:FIELDING AND AUSTEN				
520	STUD ROM WRITERS		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	08.00-09.50	M W	FANER	2206	BENZIGER JAMES G
524	STUD METAPHYS POETS		04.0 TO 12.0 CR		
1	10.00-11.50	T TH	FANER	2204	SCHULTZ HOWARD
536	STUD LAT 19C AM WR		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	01.00-02.50	M W	FANER	2206	MOSS SIDNEY
	TOPIC-EMILY DICKINSON				
538	PROB IN AM LIT		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	07.35-09.15 PM	T TH	CL	25	PIPER DAN
	TOPIC-FAULKNER				
555	STUD VIC NOVEL		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	01.00-02.50	T TH	FANER	2206	GOODIN GEORGE
	TOPIC-VICT SOCIAL NOVEL				
566	STUD IN SHAKESPEARE		04.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPT				
1	03.00-04.50	T TH	FANER	2206	GRIFFIN ROBERT
	TOPIC-YEATS AND JOYCE				
579B	STUDIES IN MOD LIT		04.0 TO 08.0 CR		
	PREREQ CONSENT OF DEPT				
1	03.00-04.50	M F	FANER	2206	MOORE HARRY T
581C	PROB TEACHING ENG		04.0 CR		
	PREREQ CONSENT OF DEPT				
1	06.00-09.00 PM	M	CL	25	BOTTS RODERIC
585	TEACHING COL COMP		02.0 CR		
1	12.00	T TH	FANER	2008	TAYLOR LARRY
596	STYLISTICS		04.0 CR		
1	10.00-11.50	M W	0720	114	EPSTEIN EDMUND LLOYD
598A	IND REV ENG AM LIT		01.0 TO 03.0 CR		
1	TO BE ARRANGED				SCHULTZ HOWARD
598B	IND REV ENG AM LIT		01.0 TO 03.0 CR		
1	TO BE ARRANGED				SCHULTZ HOWARD
600	DISSERTATION		01.0 TO 48.0 CR		
1	TO BE ARRANGED				

### ENGR Engineering

100	ENGR ORIENTATION		01.0 CR -(MANDATORY PASS/FAIL)		
1	03.00	T	TECH A 111		
222	DIGITAL COMP PROG		03.0 CR -(ELECTIVE PASS/FAIL)		
	PREREQ MATH 111B				
1	09.00	T TH	TECH A 111		
	12.00	M W	TECH A 122		
2	09.00	T TH	TECH A 111		
	12.00	T TH	TECH A 122		
3	09.00	T TH	TECH A 111		
	04.00	M W	TECH A 122		
4	09.00	T TH	TECH A 111		
	04.00	T TH	TECH A 122		

5	09.00	T TH	TECH A	111	
	08.00	M W	TECH A	122	
6	09.00	T TH	TECH A	111	
	08.00	T TH	TECH A	122	
7	09.00	T TH	TECH A	111	
	06.30-07.25 PM	T TH	TECH A	120	
8	09.00	T TH	TECH A	111	
	10.00	T TH	TECH A	122	
260A	ANALY MECHANICS		03.0	CR	
	PREREQ	CONCURRENT ENROLLMENT IN			
		MATH 150B			
1	09.00	M W F	TECH A	122	
2	11.00	M W F	TECH A	122	
3	03.00-04.25	T TH	TECH A	410	
260C	ANALY MECHANICS		03.0	CR	
	PREREQ	ENGR 260B			
1	10.00	M W F	TECH A	410	
300A	THERMODYNAMICS		03.0	CR	
	PREREQ	MATH 252A			
1	08.00	M W F	TECH A	420	
2	10.00	M W F	TECH A	420	
300B	THERMODYNAMICS		03.0	CR	
	PREREQ	ENGR 300A			
1	01.00	M W F	TECH A	420	
302	HEAT TRANSFER		03.0	CR	
	PREREQ	222, 300A & MATH 305A			
1	08.00	M W F	TECH B	42	
	TO BE ARRANGED				
	TO BE ARRANGED				
311A	PROPERTIES OF MAT		03.0	CR	
	PREREQ	ENGR 260B, MATH 252B			
1	11.00	T TH	TECH D	12A	
	10.00-12.50	W	TECH D	14	
2	11.00	T TH	TECH D	12A	
	08.00-10.50	TH	TECH D	14	
3	01.00	M W	TECH D	12A	
	02.00-04.50	M	TECH D	14	
4	01.00	M W	TECH D	12A	
	02.00-04.50	TH	TECH D	14	
311B	PROPERTIES OF MAT		03.0	CR	
	PREREQ	ENGR 260B, MATH 252B			
1	02.00	M W	TECH B	143	
	02.00-04.50	TH	TECH B	143	
311C	PROPERTIES OF MAT		03.0	CR	
	PREREQ	ENGR 311B			
1	02.00	M W F	TECH A	221	
313A	FLUID MECHANICS		03.0	CR	
	PREREQ	ENGR 260C			
1	09.00	M W F	TECH D	14A	
335	ELECTRICAL CIRCUITS		04.0	CR	
	PREREQ	MATH 252A			
1	10.00	MTW F	TECH A	320	
2	01.00	MTW F	TECH A	210	
336	INTRO TO ELECTRONIC		04.0	CR	
	PREREQ	ENGR 335			
1	09.00	M W F	TECH A	220	
	06.00-08.50 PM	T	TECH D	106	
338	ELECTROMAG FIELDS		03.0	CR	
	PREREQ	MATH 305A			
1	11.00	M W F	TECH A	420	
361	ENGR ECONOMICS		03.0	CR	
	PREREQ	MATH 111			
1	02.00	M W F	TECH A	111	
403	STATIST THERMODYNAM		04.0	CR	
	PREREQ	ENGR 300C			
1	10.00	M WTHF	TECH B	42	
408	BIOENVIR ENGR		03.0	CR	
1	12.00	M WTH	TECH A	220	COOK ECHOL E
410A	ELEC & INST-LIFE SC		04.0	CR	
1	03.00	M W F	TECH A	221	
	LABORATORY TBA				

411	DES OF ENGR EXPERMT	03.0 CR	
	PREREQ ENGR 222 MATH 252A		
1	09.00 M W F	TECH D 108	MUCHMORE CHARLES B
413A	INTER MECH OF FLUID	03.0 CR	
	PREREQ ENGR 313B		
1	11.00 M W F	TECH D 14A	
416A	AIR POLLUT CONTROL	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ SENIOR OR GRADUATE STANDING		
1	01.00 M W F	TECH D 108	HESKETH HOWARD E
	LAB TBA IN TECH B 51		
417	FUND-COMP FLUID FLO	03.0 CR	
	PREREQ ENGR 313B		
1	TO BE ARRANGED		EVERS JAMES L
420A	TRANSPORT PHENOMENA	03.0 CR	
	PREREQ ENGR 302 AND ENGR 313B		
1	TO BE ARRANGED		PETRIE THOMAS W
428	WATER QUALITY LAB	01.0 CR	
	PREREQ ENGR 415A		
1	TO BE ARRANGED		
430	SPEC PROB IN ENGR	01.0 TO 08.0 CR	
	PREREQ SR STANDING IN ENGR & CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		
	ELECT SCI & SYST ENGR		
2	TO BE ARRANGED		
	ENGR MECH & MAT		
3	TO BE ARRANGED		CHEN JUH WAH
	THERM & ENVIR ENGR		
432	ANALOG COMP-ENG DES	03.0 CR	
	PREREQ MATH 305A		
1	11.00 M W F	TECH D 116	MCCALLA THOMAS M JR
	TO BE ARRANGED		
	TO BE ARRANGED		
	TO BE ARRANGED		
	LABS TO BE ARRANGED		
434	ELECTRONIC DESIGN	04.0 CR	
	PREREQ ENGR 336, 439A		
1	09.00 M W F	TECH D 108	GRISMORE F LEE JR
	08.00-10.50 TH	TECH D 106	
437	MICROWAVE TH & MEAS	04.0 CR	
	PREREQ ENGR 338		
1	10.00 M W F	TECH D 108	
	02.00-04.50 T	TECH D 106	
439A	TRANSIENT AN&NWK TH	03.0 CR	
	PREREQ ENGR 335 & MATH 305A		
1	08.00 M W	TECH A 221	
	08.00 F	TECH A 210	
440A	STRUCTURES	03.0 CR	
	PREREQ ENGR 311A		
1	01.00 M W F	TECH A 410	NOWACKI C RAYMOND
443A	ENGINEERING DESIGN	03.0 CR	
	PREREQ SENIOR STANDING IN ENGR		
1	11.00 T TH	TECH A 221	
	09.00-10.50 T	TECH A 120	
2	11.00 T TH	TECH A 221	
	01.00-02.50 T	TECH A 307	
447	INT MECH-MAT&STRUCT	03.0 CR	
	PREREQ ENGR 311A		
1	09.00 M W F	TECH D 12A	
454A	MATERIALS SCIENCE	04.0 CR	
1	TO BE ARRANGED		
463A	INTRO INSTRUMENT	03.0 CR	
	PREREQ ENGR 336		
1	TO BE ARRANGED		RAWLINGS CHARLES A
	02.00-04.50 TH	TECH D 106	
480A	ENGR PROCESS DESIGN	03.0 CR	
	PREREQ ENGR 300C AND 302		
1	03.00 M W F	TECH A 410	PRENSNER DOUGLAS S
503A	HEAT & COOL SYSTEMS	03.0 CR	
	PREREQ GRAD STANDING		
1	TO BE ARRANGED		



505A	PHYS PROP-CRYS MAT	04.0 CR	
1	TO BE ARRANGED		
512A	CONTINUUM MECHANICS	04.0 CR	
	PREREQ MATH 305		
1	TO BE ARRANGED		OPTHWEIN WILLIAM C
516	WATER RESOURCE DEV	04.0 CR	
	PREREQ GRADUATE STANDING		
1	TO BE ARRANGED		MUCHMORE CHARLES B
517A	ANAL-DES OF SYSTEMS	04.0 CR	
	PREREQ GRAD STANDING AND CONSENT OF INSTR		
1	TO BE ARRANGED		
518	INTRO TO TURBULENCE	03.0 CR	
	PREREQ ENGR 413B OR CONSENT OF INSTR		
1	TO BE ARRANGED		
520A	REACTION ENGR	03.0 CR	
	PREREQ ENGR 420 OR CONSENT OF INSTR		
1	TO BE ARRANGED		CHEN JUH WAH
535A	NETWORK ANAL & SYN	03.0 CR	
	PREREQ ENGR 439A		
1	01.00 M W F TECH A 120		
561	ADVANCED VIBRATIONS	03.0 CR	
	PREREQ 461 AND MATH 305A,B		
1	TO BE ARRANGED		
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR	
	PREREQ GRAD STANDING IN ENGR		
1	TO BE ARRANGED		
	ELEC SCI & SYST ENGR		
2	TO BE ARRANGED		SAMI SEDAT
	ENGR MECH & MATERIALS		
3	TO BE ARRANGED		
	THERMAL & ENVIRONMENTAL ENGR		
580	SEMINAR	01.0 TO 09.0 CR	
1	TO BE ARRANGED		
	ELEC SCI & SYST ENGR		
2	TO BE ARRANGED		
	ENGR MECH & MATERIALS		
3	TO BE ARRANGED		KENT ALBERT C
	THERMAL & ENVIRONMENTAL ENGR		
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		
	ELEC SCI & SYST ENGR		
2	TO BE ARRANGED		
	ENGR MECH & MATERIALS		
3	TO BE ARRANGED		
	THERMAL & ENVIRONMENTAL ENGR		
<b>FL</b>	<b>Foreign Languages and Literature</b>		
330	SOCIOLOGY OF LIT	03.0 CR	
1	12.00 MT TH FANER 2206		
453	METH TEACH MOD F L	04.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ CONCURRENT AND/OR PRIOR ENR IN FR, GER, RUSS OR SPAN		
1	03.00 MT THF FANER 1030 ANDERSON KEITH O		
497A	SURVEY -VIETNAM LIT	03.0 CR -(ELECTIVE PASS/FAIL)	
	PREREQ EQUIV OF 2 YRS OF VIETNAMESE		
1	09.00 T TH WHLR 212 NGUYEN KHAC HOACH		
	09.00 W WHLR 214 NGUYEN KHAC HOACH		
543A	RESEARCH PROB-GER	01.0 TO 06.0 CR	
1	TO BE ARRANGED		FRENCH HOWARD
543B	RESEARCH PROB-FR	01.0 TO 06.0 CR	
1	TO BE ARRANGED		VOGELY MAXINE
543C	RESEARCH PROB-SPAN	01.0 TO 06.0 CR	
1	TO BE ARRANGED		MCBRIDE
560A	RESEARCH TECH- GER	03.0 CR	
1	10.00 M W F LIB 219 WOODBRIDGE HENSLEY C		
560C	RESEARCH TECH- SPAN	04.0 CR	
1	TO BE ARRANGED		H WOODBRIDGE

Specific languages are listed alphabetically

**F & N Food & Nutrition**

100	FUNDAMENT NUTRI				03.0 CR	
1	08.00	M W F	H EC	140B	HARPER JENNIE M	
256	SCIENCE OF FOOD			05.0 CR		
	PREREQ F&N 100, CHEM 110 AND 240 OR EQUIVALENT					
1	12.00	M W F	H EC	206	HARPER JENNIE M	
	12.00-01.50	T TH	H EC	212	BECKER HENRIETTA E	
2	12.00	M W F	H EC	206	HARPER JENNIE M	
	08.00-09.50	W F	H EC	212	BECKER HENRIETTA E	
320	NUTRITION			03.0 CR		
	PREREQ F&N 100, CHEM 110 & 240					
1	11.00	M W F	H EC	203	PAYNE IRENE R	
	12.00	F	H EC	203	PAYNE IRENE R	
335	MEAL MANAGEMENT			04.0 CR		
	PREREQ F&N 256					
1	03.00-05.50	T TH	H EC	107	BECKER HENRIETTA E	
356	EXPERIMENTAL FOODS			04.0 CR		
	PREREQ F&N 256					
1	12.00-02.50	T TH	H EC	214	HARPER JENNIE M	
361	FOOD SERV ORG & MGT			03.0 CR		
	PREREQ F&N 256 OR CONSENT OF INSTR					
1	10.00	M W F	H EC	102	WOLFE POHLE HARDING	
371	FIELD EXPERIENCE			06.0 CR		
	PREREQ CONSENT OF CHAIRMAN & INSTR					
1	TO BE ARRANGED				WOLFE POHLE H	
372	FOOD SYS-LODG INDUS			03.0 CR		
	PREREQ ACCT 250 OR 251A OR EQUIV					
1	02.00	M W F	H EC	206	WOLFE POHLE H	
481	READINGS			02.0 TO 04.0 CR		
	PREREQ F&N 320 & CONSENT OF CHAIRMAN AND INSTRUCTOR					
1	TO BE ARRANGED					
500	RESEARCH METHODS			04.0 CR		
	PREREQ F&N 420, 421, OR EQUIVALENT & STATISTICS					
1	09.00	T TH	H EC	101	PAYNE IRENE R	
	10.00-11.50	T TH	H EC	204	PAYNE IRENE R	
515	SEMINAR			01.0 TO 06.0 CR		
	PREREQ F&N 420 OR 421					
1	01.00	TH	H EC	107	KONISHI FRANK	
572	SPECIAL PROBLEMS			02.0 TO 08.0 CR		
1	TO BE ARRANGED					
599	THESIS			01.0 TO 09.0 CR		
	PREREQ CONSENT OF INSTRUCTOR					
1	TO BE ARRANGED					

**FE & M Family Economics and Management**

300	FUNDMTL LIVING MEN			03.0 CR		
1	12.00	T TH	H EC	140B	HEISLER ARLENE	
	01.00	TH	H EC	118	HEISLER ARLENE	
2	12.00	T TH	H EC	140B	HEISLER ARLENE	
	02.00	TH	H EC	118	HEISLER ARLENE	
3	12.00	T TH	H EC	140B	HEISLER ARLENE	
	11.00	F	H EC	118		
4	12.00	T TH	H EC	140B	HEISLER ARLENE	
	12.00	F	H EC	118		
5	02.00	T TH	H EC	140B		
	03.00	TH	H EC	206		
6	02.00	T TH	H EC	140B		
	01.00	F	H EC	208		
7	02.00	T TH	H EC	140B		
	02.00	F	H EC	118		
301	FUNDMTL LIVING WMEN			03.0 CR		
1	09.00	M W F	H EC	201		
302	MGT-LOW INCOME FAM			04.0 CR		
1	10.00	MTWTH	H EC	206	CRYNES CAROLYN S	
323	HOUSING			03.0 CR		
1	09.00	M W F	H EC	208		

331	MGT FAMILY RES			03.0	CR	
1	11.00	T TH	H EC	140B	BARCLAY NANCY ANN	
	12.00	TH	H EC	206	BARCLAY NANCY ANN	
2	11.00	T TH	H EC	140B	BARCLAY NANCY ANN	
	11.00	F	H EC	208	BARCLAY NANCY ANN	
3	11.00	T TH	H EC	140B	BARCLAY NANCY ANN	
	12.00	F	H EC	208	BARCLAY NANCY ANN	
332	HOME MGT PRACTICUM			04.0	CR	
	PREREQ FE&M 331					
1	09.00-10.50	T TH	H EC	401	EDMONDSON MARY E	
2	11.00-12.50	M W	H EC	401		
	TO BE ARRANGED					
340	CONSUMERS & MARKET			03.0	CR	
1	02.00	M W F	H EC	208	CRYNES CAROLYN	
341	CONSUMER PROBLEMS			04.0	CR	
1	04.00	MTW	H EC	140B	EDMONDSON	
	01.00	TH	H EC	203	EDMONDSON	
2	04.00	MTW	H EC	140B	EDMONDSON	
	12.00	F	H EC	102	EDMONDSON	
3	04.00	MTW	H EC	140B		
	01.00	F	H EC	203		
407	WORKSHOP			02.0	CR	
1	04.00-05.50	W	H EC	118		
423	HOUSING ALTERNATIVE			03.0	CR	
	PREREQ FE&M 323, EQUIV, OR CONSENT OF INSTR					
1	06.00-08.50 PM	TH	H EC	5		
471	FIELD EXPERIENCE			02.0 TO 06.0	CR	
	PREREQ CONSENT OF CHAIRMAN					
1	TO BE ARRANGED					CRAIG KAREN E
481	READINGS			02.0 TO 06.0	CR	
	PREREQ 8 HOURS IN FE&M, AND CONSENT OF CHAIRMAN					
1	10.00	T	H EC	401		
	ADDITIONAL HOURS TBA					
550	ADV HOME MANAGEMENT			04.0	CR	
	PREREQ 331, OR EQUIVALENT					
1	06.00-08.50 PM	M	H EC	401	BARCLAY NANCY ANN	
572	SPECIAL PROBLEMS			02.0 TO 08.0	CR	
	PREREQ 6 HOURS IN FE&M AND CONSENT OF CHAIRMAN					
1	10.00	TH	H EC	401		
	ADDITIONAL HOURS TBA					
599	THESIS			02.0 TO 09.0	CR	
1	TO BE ARRANGED					
<b>FIN</b>	<b>Finance</b>					
271	BUSINESS LAW I			04.0	CR -(ELECTIVE PASS/FAIL)	
1	02.00	TWTHF	AG	216		
301	READINGS IN FINANCE			01.0 TO 08.0	CR-(MANDATORY PASS/FAIL)	
1	TO BE ARRANGED					
305	PERSONAL FINANCE			04.0	CR -(ELECTIVE PASS/FAIL)	
1	12.00	MTWTH	LAWSON	201		
320	INTRO TO BUS FIN			04.0	CR	
	PREREQ ACCT 251B, ECON 215, GSD 110					
1	01.00	MTWTHF	AG	216		
2	02.00	MTWTHF	AG	214		
3	03.00	MTWTHF	AG	214		
323	INVESTMENTS			04.0	CR -(ELECTIVE PASS/FAIL)	
1	10.00	T THF	AG	168		
	10.00	W	AG	216		
325	FINANCIAL MARKETS			04.0	CR	
	PREREQ ECON 315					
1	09.00	MTWTH	CL	109		
327	INSUR AND RISK MGT			04.0	CR -(ELECTIVE PASS/FAIL)	
1	11.00	MT TH	PULL	37		
	11.00	W	WHAM	312		
328	REAL ESTATE			04.0	CR -(ELECTIVE PASS/FAIL)	
1	01.00	TWTHF	CL	109		
	01.00	W F	CL	228		



370	LEGAL & SOC ENVIRON	04.0 CR	
1	10.00 MTWTH BAILEY 130		
2	11.00 MTWTH BAILEY 130		
3	11.00 TWTHF AG 216		
4	12.00 TWTHF AG 216		
372	BUSINESS LAW II	04.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00 MTWTH LAWSON 131		
421	MGT OF BUS FINANCE	04.0 CR	
	PREREQ 320		
1	10.00 MTWTH CL 326		
422	ADV FINANCIAL MGT	04.0 CR	
	PREREQ 421		
1	12.00 TWTHF CL 24		
430	BUSINESS FINANCE	04.0 CR	
	PREREQ RESTRICTED TO GRADUATE STUDENT S		
1	TO BE ARRANGED		
	CLASS MEETS WITH FIN 320		

# **FOR Forestry**

104	INTRO FORESTRY	03.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00 T TH LAWSON 141 ANDRESEN JOHN W		
	08.00-10.50 S AG 187 ANDRESEN JOHN W		
221	DENDROLOGY	04.0 CR	
1	10.00 M W F NKRS B 440 FRALISH JAMES S		
	08.00-10.50 T AG 187 FRALISH JAMES S		
2	10.00 M W F NKRS B 440 FRALISH JAMES S		
	08.00-10.50 TH AG 187 FRALISH JAMES S		
3	10.00 M W F NKRS B 440 FRALISH JAMES S		
	01.00-03.50 M AG 187 FRALISH JAMES S		
4	10.00 M W F NKRS B 440 FRALISH JAMES S		
	01.00-03.50 W AG 187 FRALISH JAMES S		
320	WOOD TECHNOLOGY	04.0 CR	
1	11.00 M W AG 187 MOSLEMI ALI A		
	01.00-02.50 T TH AG 187 MOSLEMI ALI A		
2	11.00 M W AG 187		
	03.00-04.50 M W AG 187		
330	HARV FOREST PRODUCT	02.0 CR	
1	08.00 T TH AG 166 MOSLEMI ALI A		
369	FOR PHOTOGRAMMETRY	04.0 CR	
1	09.00-10.50 T TH AG 195 KUNG FAN HAO		
	10.00 M W AG 166 KUNG FAN HAO		
2	03.00-04.50 T TH AG 195 KUNG FAN HAO		
	10.00 M W AG 166 KUNG FAN HAO		
381	FORESTRY SEMINAR	01.0 TO 02.0 CR	
1	04.00 T AG 150 MOSLEMI ALI A		
390	SPEC PROB IN FOREST	01.0 TO 06.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		
	RESTRICTION-CONSENT OF DEPT REQUIRED		
391	HONORS IN FORESTRY	01.0 TO 06.0 CR	
	PREREQ JR STANDING, 4.0 GPA-4.25 IN MAJ, & CONSENT OF DEPT		
1	TO BE ARRANGED		MOSLEMI ALI A
440A	GRASSLAND ECOLOGY	04.0 CR	
1	09.00 M W F LS II 350 VOIGT JOHN W		
	TO BE ARRANGED		VOIGT JOHN W
	X-LISTED WITH BOT 440A-LAB ALTERNATE SAT MORN LSII 453		
450	FOREST & PARK MGT	04.0 CR	
	PREREQ FOR 350B OR FOR 460 OR CONSENT OF INSTR		
1	09.00 MTWTH AG 166 MCCURDY DWIGHT R		
460	FOR PARK FIELD STUD	04.0 CR	
	PREREQ FOR 350A OR FOR 350B OR CONSEN T OF INSTR		
1	TO BE ARRANGED		MCCURDY DWIGHT R
466	WATERSHED MGT	03.0 CR	
	PREREQ PL I 301, GSA 330, FOR 365A, OR CONSENT OF INSTR		

1	08.00	M W F	AG	166	BUDELSKY CARL A
	08.00	T	AG	168	BUDELSKY CARL A
2	08.00	M W F	AG	166	BUDELSKY CARL A
	10.00	T	AG	170	BUDELSKY CARL A
3	08.00	M W F	AG	166	BUDELSKY CARL A
	09.00	F	AG	168	BUDELSKY CARL A
4	08.00	M W F	AG	166	BUDELSKY CARL A
	11.00	T	AG	187	BUDELSKY CARL A
470A	ECON OF FORESTRY				04.0 CR
	PREREQ AG I 204 OR ECON 215 OR EQUIVA LENT				
1	12.00	M W F	AG	166	FERELL RAYMOND S
	11.00	T	AG	170	FERELL RAYMOND S
2	12.00	M W F	AG	166	FERELL RAYMOND S
	12.00	T	AG	170	FERELL RAYMOND S
3	12.00	M W F	AG	166	FERELL RAYMOND S
	11.00	TH	AG	170	FERELL RAYMOND S
4	12.00	M W F	AG	166	FERELL RAYMOND S
	12.00	TH	AG	170	FERELL RAYMOND S
490	PRACTICUM				04.0 TO 16.0 CR
	PREREQ CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				MOSLEMI ALI A
520A	READ FOR & FOR REC				01.0 TO 06.0 CR
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
520B	READINGS RES ECON				01.0 TO 06.0 CR
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				FERELL RAYMOND S
520C	READ FOR PRO WD SCI				01.0 TO 06.0 CR
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				MOSLEMI ALI A
570	PRIN OF RESEARCH				04.0 CP
	PREREQ 4 HRS STATISTICAL METHODS OR CONSENT OF INSTR				
1	TO BE ARRANGED				FERELL RAYMOND S
575	RESEARCH				01.0 TO 06.0 CR
1	TO BE ARRANGED				MOSLEMI ALI A
581	ADVANCED FOR SEMIN				01.0 TO 06.0 CR
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
588	INTERNAT GRAD STUDY				01.0 TO 12.0 CR
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				MOSLEMI ALI A
599	THESIS				01.0 TO 09.0 CR
1	TO BE ARRANGED				

**FR French**

123A	FRENCH CONVERSATION				01.0 CR
	PREREQ CONCURRENT GSC 123A				
1	08.00	T	FANER	3113	
2	09.00	M	FANER	1132	
3	10.00	TH	FANER	1124	
4	11.00	TH	FANER	2010	
5	12.00	TH	FANER	1132	
6	01.00	W	FANER	1026	
7	02.00	T	FANER	2008	
8	03.00	T	FANER	3113	
123B	FRENCH CONVERSATION				01.0 CR
	PREREQ CONCURRENT GSC 123B				
1	11.00	T	FANER	1032	
123C	FRENCH CONVERSATION				01.0 CR
	PREREQ CONCURRENT GSC 123C				
1	11.00	M	WHLR	207	
135A	INTENSIVE ELEMEN FR				05.0 CR
	PREREQ MUST BE TAKEN IN ABC SEQUENCE				
1	02.00	MTWTF	FANER	1122	
201A	INTERMEDIATE FRENCH				03.0 CR
	PREREQ GSC 123-9 OR GSC 123C OR 2 YRS HIGH SCHOOL FR				
1	09.00	TW F	FANER	1030	
2	10.00	MT F	FANER	1030	

3	11.00	MT F	FANER	1028
4	12.00	MT TH	FANER	1030
ABOVE SECT-SPECIAL READING SECTION				
5	01.00	M THF	FANER	1030
201B	INTERMEDIATE FRENCH			03.0 CR
	PREREQ	FR 201A OR EQUIVALENT		
1	12.00	M W F	FANER	1122
201C	INTERMEDIATE FRENCH			03.0 CR
	PREREQ	FR 201B OR EQUIVALENT		
1	01.00	M W F	FANER	1032
220A	INTER FR CONVERSAT			02.0 CR
	PREREQ	FR 201C OR CONCURRENT REGISTRATION IN 201		
1	09.00	W F	FANER	1132
2	10.00	W F	FANER	1122
3	11.00	T TH	FANER	1026
288A	FR - RESEARCH TOOL			03.0 CR
1	01.00	M WTH	FANER	1028
288B	FR - RESEARCH TOOL			03.0 CR
1	01.00	M WTH	H EC	104
350A	ADVANCED COMP-CONV			03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	201C OR EQUIV		
1	10.00	MT TH	FANER	1126
2	10.00	MT	FANER	1124
	10.00	TH	FANER	1030
350B	ADVANCED COMP-CONV			03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	350A		
1	10.00	MT TH	FANER	1028
397A	SURVEY FR LIT			03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	350 OR CONSENT OF INSTRUCTOR		
1	11.00	M W F	FANER	1026
401B	17TH CENTURY FR LIT			03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	FR 354,397 OR CONSENT OF INSTR		
1	01.00	MT TH	FANER	2204
430	TRAVEL-STUDY IN FR			02.0 TO 06.0 CR-(ELECTIVE PASS/FAIL)
	PREREQ	PARTICIPATION IN FR TRAVEL-STU DY PROGRAM		
1	TO BE ARRANGED			
461	FRENCH STYLISTICS			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	FR 350, 354 OR CONSENT OF INST R		
1	10.00	MT THF	FANER	2010
509	19TH CEN FRENCH LIT			02.0 TO 06.0 CR
1	07.35-08.25 PM	T TH	H EC	3
536A	TCHG FR-COLL LEVEL			01.0 CR
1	TO BE ARRANGED			
599	THESIS			02.0 TO 09.0 CR
1	TO BE ARRANGED			

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

## **GEOG Geography**

300	INTRO TO GEOG			04.0 CR
1	08.00-09.50	T TH	LAWSON	101
302	PHYSICAL GEOGRAPHY			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	GEOG 300		
1	01.00-03.00	M W	0483	101 GUPTA AVIJIT
304	ECONOMIC GEOGRAPHY			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	GEOG 300		
1	03.00-05.00	M W	0483	101
310A	CARTOGRAPH METHODS			04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	GEOG 300		
1	03.00-04.50	T TH	0431	101 CHRISTENSEN DAVID E
331	CLIMATE			04.0 CR
1	12.00	MTWTH	0483	101
360	GEOG OF ILLINOIS			04.0 CR -(ELECTIVE PASS/FAIL)
1	08.00-09.50	T TH	LAWSON	121
362	REGION GEOG-EUROPE			04.0 CR -(ELECTIVE PASS/FAIL)
1	08.00-10.00	M W	AG	154 JONES DAVID L
366	GEOG-EAST & S ASIA			04.0 CR -(ELECTIVE PASS/FAIL)
1	11.00	MTWTH	0483	101



367	GEOG-SOUTH AMERICA			04.0 CR	-(ELECTIVE PASS/FAIL)
1	09.00-11.00	M W	0483	101	WELSH MICHAEL
410A	ADV GEOG TECHNIQUES			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GEOG 310 OR CONSENT OF DEPT			
1	06.00-07.50 PM	T TH	0483	101	WELSH MICHAEL
416A	ADV CARTOGRAPHY			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GEOG 310			
1	03.00-04.50	M W	0431	101	IRWIN DANIEL RICHARD
422A	ECON IN GEOGRAPHY			04.0 CR	-(ELECTIVE PASS/FAIL)
1	01.00-03.00	T TH	0486	101	BEAZLEY RONALD I
424	REG PROB IN RES MGT			04.0 CR	-(ELECTIVE PASS/FAIL)
1	03.00-04.50	T TH	0483	101	AREY DAVID
440	READINGS-MAJORS			02.0 TO 06.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	ADVANCED STANDING & CONSENT OF INSTR & DEPT CHAIRMAN			
1	TO BE ARRANGED				CARTER DOUGLAS B
443	TEACHING OF GEOG			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GEOG 300			
1	09.00-10.50	M W	0486	101	HORSLEY A DOYNE
450	PHYS ENVIR SYS-GEOG			04.0 CR	-(ELECTIVE PASS/FAIL)
1	06.00-07.30 PM	M W	0486	101	CARTER DOUGLAS
487A	HONORS TUTORIAL			02.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				
487B	HONORS READING			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				
487C	HONORS SUPERV RES			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	487A OR B AND CONSENT OF DEPT			
1	TO BE ARRANGED				
490A	TUTORIAL IN GEOG			02.0 CR	
	PREREQ	GEOG MAJOR AND SENIOR STANDING			
1	12.00-01.50	W	0486	101	CHRISTENSEN DAVID
502	PRINCIPLES OF RES			04.0 CR	
	PREREQ	GRAD STANDING			
1	01.00-03.00	M W	0486	101	BEAZLEY RONALD I
530	INDEP STUDY GEOG			02.0 TO 10.0 CR	
1	TO BE ARRANGED				CARTER DOUGLAS B
540A	RESEARCH PHYS GEOG			02.0 TO 36.0 CR	
	PREREQ	GEOG 520			
1	TO BE ARRANGED				
540B	RESEARCH-ECON GEOG			02.0 TO 36.0 CR	
	PREREQ	GEOG 521			
1	TO BE ARRANGED				
540C	RESEARCH REG GEOG			02.0 TO 36.0 CR	
	PREREQ	GEOG 522			
1	TO BE ARRANGED				
540D	RESEARCH CULT GEOG			02.0 TO 36.0 CR	
	PREREQ	GEOG 524			
1	TO BE ARRANGED				
599	THESIS			03.0 TO 09.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				CARTER DOUGLAS B
600	DISSERTATION			01.0 TO 48.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				CARTER DOUGLAS

**GEOLOG**

220	PHYSICAL GEOLOGY			03.0 CR	
	PREREQ	HIGH SCHOOL OR COLLEGE CHEM			
1	11.00	T TH	PARK	124	ETHRIDGE FRANK G
	09.00-11.50	W	PARK	112	
2	11.00	T TH	PARK	124	ETHRIDGE FRANK G
	01.00-03.50	W	PARK	103	
3	11.00	T TH	PARK	124	ETHRIDGE FRANK G
	01.00-03.50	TH	PARK	205	
310	MINERALOGY			05.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GEOLOG 220, CHEM 122 OR CONCUR ENROLLMENT			
1	11.00	M W F	PARK	103	HOOD WILLIAM C
	02.00-03.50	W	PARK	103	

2	11.00	M W F	PARK	103	HOOD WILLIAM C
	02.00-03.50	T	PARK	103	
321	INTRO PALEONTOLOGY			03.0 CR	
1	10.00	T TH	PARK	111	UTGAARD JOHN
	01.00-02.50	W	PARK	107	
2	10.00	T TH	PARK	111	UTGAARD JOHN
	03.00-04.50	W	PARK	107	
3	10.00	T TH	PARK	111	UTGAARD JOHN
	01.00-02.50	T	PARK	107	
	ABOVE SECTION IS A HOLD SECTION				
400	EARTH SCIENCE SEM			03.0 CR	
	PREREQ	GSA 110, UPPER CLASS STANDING			
	OR CONSENT OF DEPT				
1	06.30-08.00 PM	T TH	PARK	108	HARRIS STANLEY E JR
420A	GEOLOGY OF PETROLEUM			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GEOLOGY 221, 302			
1	01.00	M W F	PARK	205	
	02.00-04.50	F	PARK	112	
425	INVERT PALEONTOLOGY			05.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GEOLOGY 221 OR GSA 115			
1	10.00	M W F	PARK	301	UTGAARD JOHN EDWARD
	01.00-03.50	TH	PARK	107	UTGAARD JOHN EDWARD
	02.00-04.50	M	PARK	107	
435A	HYDROGEOLOGY			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GEOLOGY 220, MATH 252			
1	11.00	M W F	PARK	115	DAVIS RICHARD W
	01.00-03.50	T	PARK	115	DAVIS RICHARD W
438	APPLIED METEOROLOGY			04.0 CR	
	PREREQ	GSA 330 OR CONSENT OF INSTR			
1	04.00-05.50	MT TH	PARK	205	BERTONI LOUIS
440	INDEPENDENT STUDY			01.0 TO 04.0 CR	
	PREREQ	ADVANCED STANDING AND CONSENT OF INSTR			
1	TO BE ARRANGED				
470A	EARTH SCI FOR TEACH			03.0 CR	
	PREREQ	TEACHING EXPERIENCE			
1	06.00-08.30 PM	M	PARK	206	HARRIS STANLEY E JR
476	PLEISTOCENE GEOLOGY			03.0 CR	
	PREREQ	GEOLOGY 220, 221			
1	09.00	M W F	PARK	205	RITTER DALE F
484	PALYNOLOGY			04.0 CR	
	PREREQ	GEOLOGY 220, 221 OR CONSENT OF INSTR			
1	09.00	M W F	PARK	205	COHEN ARTHUR D
	01.00-03.50	T	PARK	104	
510A	SEDIMENT - STRAT			04.0 CR	
	PREREQ	GEOLOGY 410			
1	10.00	M W F	PARK	103	ETHRIDGE FRANK G
	02.00-04.50	TH	PARK	103	ETHRIDGE FRANK G
515	METALLIC MIN DEP			04.0 CR	
	PREREQ	GEOLOGY 302, 315			
1	08.00	M W F	PARK	103	HOOD WILLIAM C
	09.00-11.50	T	PARK	103	HOOD WILLIAM C
528A	MICROPALAEONTOLOGY			03.0 CR	
	PREREQ	425 OR CONSENT OF INSTR			
1	12.00	M W F	PARK	104	FRAUNFELTER GEORGE
	02.00-04.50	M	PARK	104	
540	ADVANCED STUDIES			01.0 TO 09.0 CR	
	PREREQ	CONSENT			
1	TO BE ARRANGED				
541	RESEARCH			01.0 TO 09.0 CR	
	PREREQ	CONSENT OF SUPERVISING INSTR			
1	TO BE ARRANGED				
582	ADV COAL PETROLOGY			03.0 CR	
	PREREQ	GEOLOGY 482			
1	10.00-12.50	TH	PARK	104	DUTCHER
599	THESIS			01.0 TO 09.0 CR	
1	TO BE ARRANGED				
<b>GER</b>	<b>German</b>				
126A	GERMAN CONVERSATION			01.0 CR	
	PREREQ	CONCURRENT GSC 126A			

1	09.00		TH	FANER	3113	
2	08.00		T	FANER	1026	
3	09.00		TH	FANER	3113	
4	10.00		T	FANER	1026	
5	11.00		TH	FANER	1028	
6	12.00		TH	FANER	1130	
7	01.00		TH	FANER	3113	
8	02.00		T	FANER	1024	
9	03.00		T	FANER	1028	
10	04.00		TH	FANER	1126	
11	06.00	PM	TH	H EC	120	
126B	GERMAN CONVERSATION				01.0 CR	
	PREREQ	CONCURRENT	GSC	126B		
1	12.00		F	FANER	1126	
2	04.00		TH	FANER	1122	
126C	GERMAN CONVERSATION				01.0 CR	
	PREREQ	CONCURRENT	GSC	126C		
1	09.00		TH	FANER	1028	
201A	INTERMEDIATE GERMAN				03.0 CR	
	PREREQ	GSC 126-9 OR	GSC 126C OR	EQUIV		
1	09.00	M W F		FANER	1130	
2	11.00	M W F		FANER	2006	
3	03.00	TW F		FANER	1122	
201C	INTERMEDIATE GERMAN				03.0 CR	
	PREREQ	GER 201B				
1	12.00	M W F		FANER	1130	
220A	INTER GER CONVERSAT				02.0 CR	
	PREREQ	GER 201C OR	CONCURRENT			
	REGISTRATION IN 201					
1	09.00		T TH	FANER	1130	
2	02.00		T TH	FANER	1124	
288A	GER - RESEARCH TOOL				03.0 CR	
1	12.00	M W F		FANER	1124	
288B	GER - RESEARCH TOOL				03.0 CR	
1	01.00	M W F		FANER	1122	
288C	GER - RESEARCH TOOL				03.0 CR	
1	02.00	M W F		FANER	1124	
301A	SUR GER LIT TO 1900				03.0 CR	-(ELECTIVE PASS/FAIL)
1	09.00	M W F		FANER	1128	
303	NOVELLE 19TH CENT				04.0 CR	-(ELECTIVE PASS/FAIL)
1	01.00	M WTHF		FANER	1124	
304A	ADV COMP & CONVERS				03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GER 201C				
1	10.00	M W F		FANER	2008	
406	THE GERMAN COMEDY				03.0 CR	-(ELECTIVE PASS/FAIL)
1	02.00	M W F		FANER	2008	
408	GERMAN CIVILIZATION				04.0 CR	-(ELECTIVE PASS/FAIL)
1	09.00	MT THF		FANER	2006	
413	HIST OF GERMAN LANG				03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GER 412				
1	10.00	M W F		FANER	2006	
497	READG 18TH CT LIT				02.0 CR	-(ELECTIVE PASS/FAIL)
1	11.00	T TH		FANER	2006	
501	SEMINAR GER AUTHOR				02.0 CR	
1	02.00	T TH		FANER	2006	
512	19TH CENTURY NOVEL				03.0 CR	
1	03.00	M W F		FANER	3113	
536A	TEACH COLLEGE GER				01.0 CR	
1	06.00	PM	W	H EC	3	ANDERSON KEITH D
599	THESIS				02.0 TO 09.0 CR	
1	TO BE ARRANGED					FRENCH HOWARD P

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**GOVT****Government**

200	INTR TO POL SCIENCE				04.0 CR	-(ELECTIVE PASS/FAIL)
1	08.00	MTWTH		WHAM	112	MACE GEORGE R
232	STATE LOCAL GOVT				04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	231 OR	GSC 211B			
1	08.00	TWTHF		FANER	1136	KENNY DAVID T
2	09.00	MT THF		FANER	1136	ALEXANDER DRVILLE



3	01.00	MTWTH	FANER	1136	RIDGEWAY MARIAN E
4	03.00	MTW F	WHAM	112	SHADE WILLIAM L
303	INTERNATL RELATIONS			04.0	CR -(ELECTIVE PASS/FAIL)
1	10.00	MTWTH	LS II	146	DALE RICHARD
2	01.00	TWTHF	WHAM	112	TURLEY WILLIAM S
3	02.00	MTWTH	WHAM	112	LEVINE MARK STEWART
305	DEV AM CONSTITUTION			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 211B OR GOVT 231			
1	12.00	MTWTH	FANER	1004	TURNER MAX WESLEY
306	INTRO POLITICAL TH			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GOVT 200 RECOMMENDED			
1	12.00	M WTHF	FANER	1006	ARMOUR MARY A
315	ADMIN OF JUSTICE			03.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 211B OR GOVT 231			
1	11.00	MT TH	FANER	1136	ALEXANDER ORVILLE
321	READINGS			01.0 TO 06.0	CR-(ELECTIVE PASS/FAIL)
	PREREQ	APPROVAL OF GOVT DEPT UNDER- GRAD ADVISOR			
1	TO BE ARRANGED				SAPPENFIELD M M
2	TO BE ARRANGED				SAPPENFIELD M M
330	ILL GOVERNMENT			03.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GOVT 232 OR JR STANDING			
1	10.00	M W F	FANER	1136	BIANCHI RINO
340	THE LEGIS PROCESS			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	231 OR GSB 211B			
1	02.00	MT THF	FANER	1006	VANDERSLIK JACK
360	PUBLIC ADMIN			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 211B OR GOVT 231			
1	08.00	M WTHF	FANER	1006	SAPPENFIELD M M
2	11.00	TWTHF	WHAM	112	
3	02.00	MTWTH	FANER	1136	TURNER MAX WESLEY
380	POLITICAL PARTIES			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 212 AND GOVT 231			
1	10.00	M WTHF	FANER	1006	ARMOUR MARY A
2	12.00	MTW F	LAWSON	121	JACKSON JOHN
392	INTRO LAT AM GOVT			04.0	CR -(ELECTIVE PASS/FAIL)
1	11.00	TWTHF	WHAM	317	GARNER WILLIAM R
395	INTERNSP-PUB AFFAIR			04.0 TO 12.0	CR-(ELECTIVE PASS/FAIL)
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				LONG SAMUEL L
398	GOVERNMENT AND LAW			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	231 OR GSB 211B			
1	10.00	MTWTH	FANER	1004	WASBY STEPHEN L
403	INTRO-TH INTNTL REL			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 303 OR GRAD STANDING			
1	04.00	MTWTH	WHAM	317	LEVINE MARK STEWART
411	SR SEM-POLIT BEHAV			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GOVT 200 RECOMMENDED,NOTE: NOT FOR GRADUATE STUDENTS			
1	07.35-09.15 PM	T TH	WHAM	303	PAINE JOANN
425	BLKS&WHTS-AMER POL			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 211B OR GOVT 231			
1	03.00	M WTHF	FANER	1006	MORRIS MILTON D
438	SOC WELFARE LEGIS			04.0	CR -(ELECTIVE PASS/FAIL)
1	11.00	MTW F	FANER	1005	HANSON EARL T
450A	LATIN-AMERICAN GOVT			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 392 RECOMMENDED			
1	09.00	TWTHF	WHAM	317	GARNER WILLIAM R
451	INTERN POL OF EUR			04.0	CR -(ELECTIVE PASS/FAIL)
1	03.00	MTWTH	WHAM	201	LANDECKER MANFRED
453A	SOVIET RUSSIA			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 390 OR CONSENT OF INSTR			
1	01.00	MTW F	FANER	1004	CHOU IKUA
457	GOVT-POL MID EAST			04.0	CR
	PREREQ	GSB 390 OR CONSENT OF INSTR			
1	09.00	MTW F	FANER	2008	HANSON EARL T
458A	GOVT & POL OF ASIA			04.0	CR -(ELECTIVE PASS/FAIL)
1	10.00	MTW F	WHAM	112	JACOBINI H B
459	POL-DEVELOPING AREA			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	GSB 390 OR CONSENT OF INSTR			
1	09.00	M WTHF	WHAM	112	HARDENBERGH WILLIAM

460	POLICY ANALYSIS		04.0 CR		
1	07.35-09.15 PM	M W	WHAM	326	FLENTJE H EDWARD
463	GOV SOC & ECON POL		03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	231 AND GSB 212			
1	11.00	M	WHAM	112	RIDGEWAY MARIAN E
	11.00	T TH	WHAM	305	RIDGEWAY MARIAN E
467	URBAN POLITICS		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	GOVT 232			
1	08.00	MTWTH	FANER	1004	BAKER JOHN H
475A	INTERNATIONAL LAW		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	GSB 303 OR CONSENT OF INSTR			
1	08.00	MTW F	WHAM	317	JACOBINI H B
479	ADV COMPARATIVE POL		04.0 CR		
	PREREQ	GSB 390 OR CONSENT OF INSTR			
1	01.00	M WTHF	WHAM	317	MORRIS MILTON D
480	PACIFIC & FAR EAST		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	GSB 303 OR HIST 370			
1	03.00	TWTHF	FANER	1004	TURLEY WILLIAM S
488A	REC POLIT THEORY		03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	SR OR GRAD STANDING, OR CON- SENT OF INSTR			
1	02.00	MT TH	WHAM	317	MORTON WARD M
490	HONORS RESEARCH		02.0 TO 06.0 CR	-(ELECTIVE PASS/FAIL)	
	PREKEQ	CONSENT OF INSTR & CHAIRMAN			
1	TO BE ARRANGED				SAPPENFIELD MAX
495A	CONSTITUTIONAL LAW		04.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	GSB 212 OR EQUIVALENT			
1	11.00	MT THF	FANER	1006	NELSON RANDALL H
500A	METH EMPIRICAL RES		03.0 CR		
	PREREQ	GOVT 499 OR CONSENT OF INSTR			
1	07.35-09.00 PM	T TH	H EC	102	MILLER ROY E
506	POLITICAL BEHAVIOR		04.0 CR		
	PREREQ	BASIC COURSES, RELATED TRNG OR CONSENT OF INSTR			
1	10.00-11.50	M W	FANER	3075	LONG SAMUEL L
508	SEM INTERNATL POL		04.0 TO 12.0 CR		
	PREREQ	BASIC COURSES, RELATED TRNG OR CONSENT OF INSTR			
1	01.00-02.50	M W	FANER	3075	DALE RICHARD
515	SEM COMPAR GOV & POL		04.0 TO 12.0 CR		
	PREREQ	BASIC COURSES, RELATED TRNG OR CONSENT OF INSTR			
1	03.00-04.50	M W	FANER	3075	CHOU IKUA
517	SEM POLIT THEORY		04.0 TO 12.0 CR		
	PREREQ	GOVT 484 OR 488 OR CONSENT OF INSTR			
1	10.00-11.50	T TH	FANER	3075	MORTON WARD M
520	SEM AMER FOR POLICY		04.0 TO 12.0 CR		
	PREREQ	BASIC COURSES, RELATED TRNG OR CONSENT OF INSTR			
1	01.00-02.50	T TH	FANER	3075	KLINGBERG FRANK L
521	READINGS		01.0 TO 12.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				PAINE JOANN
2	TO BE ARRANGED				PAINE JOANN
530	INTERNSP PUB AFF		04.0 TO 12.0 CR		
	PREREQ	CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				LONG SAMUEL L
582	LAW AND CORRECTIONS		04.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR			
1	01.00-02.50	M W	CL	328	DREHER ROBERT H
	CROSSLISTED WITH AJ 582				
595	INDIVIDUAL RESEARCH		02.0 TO 12.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				PAINE JOANN
599	THESIS		01.0 TO 09.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				PAINE JOANN
600	DISSERTATION		01.0 TO 48.0 CR		
	PREREQ	MIN OF 36 HRS TO BE EARNED FOR DOC OF PHIL DEGREE			
1	TO BE ARRANGED				PAINE JOANN

GRK	Greek					
130A	CLASSICAL GRK CONV		01.0 CR			
	PREREQ	CONCURRENT GSC 130A				
1	10.00	T	WHLR	214	OBRIEN JOAN V	
201A	INTERMEDIATE GREEK		03.0 CR			
	PREREQ	GSC 130C				
1	TO BE ARRANGED				OBRIEN JOAN V	
415	READINGS-GRK AUTHOR	02.0 TO 08.0 CR-(ELECTIVE PASS/FAIL)				
	PREREQ	BY SPECIAL PERMISSION ONLY				
1	TO BE ARRANGED				OBRIEN JOAN V	

### GUID Guidance and Educational Psychology

100	DECIS MAKE- CAREER		02.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR				
1	09.00	T	WHAM	228	BRADLEY	
	09.00	TH	WHAM	229		
2	09.00	T	WHAM	228	BRADLEY	
	10.00	TH	WHAM	229		
3	09.00	T	WHAM	228	BRADLEY	
	11.00	TH	WHAM	229		
4	09.00	T	WHAM	228	BRADLEY	
	12.00	TH	WHAM	229		
5	09.00	T	WHAM	229	BRADLEY	
	11.00	TH	WHAM	208		
6	11.00	TH	WHAM	208	BRADLEY	
	10.00	T	WHAM	229		
7	11.00	TH	WHAM	208	BRADLEY	
	11.00	T	WHAM	229		
8	11.00	TH	WHAM	208	BRADLEY	
	12.00	T	WHAM	229		
305	EDUC PSYCHOLOGY		04.0 CR			
	PREREQ	GSB 202 & ADMISSION TO TEACHER EDUCATION PROGRAM				
1	08.00-09.50	M W	PULL	35		
2	08.00-09.50	T TH	PULL	35		
3	09.00	M WTHF	WHAM	329	MOUW JOHN T	
	ABOVE SECT RESTR TO CONSENT OF INSTR					
4	09.00-10.50	W F	PULL	37		
5	09.00-10.50	T TH	PULL	37		
6	10.00	M WTHF	WHAM	329	MOUW JOHN T	
	ABOVE SECT RESTR TO CONSENT OF INSTR					
7	10.00-11.50	M W	PULL	35		
8	10.00-11.50	T TH	PULL	35		
9	12.00-01.50	M W	PULL	35		
10	12.00-01.50	T TH	PULL	35		
11	01.00-02.50	W F	PULL	37		
12	01.00-02.50	T TH	PULL	37		
13	02.00	M WTHF	WHAM	329	MOUW JOHN T	
	ABOVE SECT RESTR TO CONSENT OF INSTR					
14	02.00-03.50	M W	PULL	35		
15	02.00-03.50	T TH	PULL	35		
16	03.00	M WTHF	PULL	37	MOUW JOHN T	
	ABOVE SECT RESTR TO CONSENT OF INSTR					
412	MENTAL HYGIENE		04.0 CR			
	PREREQ	GUID 305				
1	09.00-10.50	M	WHAM	308		
	09.00-10.50	W	WHAM	307		
2	09.00-10.50	M	WHAM	308		
	01.00-02.50	W	WHAM	307		
3	03.00-04.50	T TH	WHAM	307		
422	CONST-USE EVAL INST		04.0 CR			
	PREREQ	GUID 305				
1	08.00-09.50	T TH	WHAM	307	HALADYNA THOMAS	
2	12.00-01.50	M W	WHAM	321	DENZEL HARRY	
3	01.00-02.50	T TH	WHAM	307	HALADYNA THOMAS	
4	06.00-09.00 PM	W	WHAM	203	RECTOR ALICE P	
442	BASIC PRIN OF GUID		04.0 CR			
	PREREQ	GUID 305				
1	10.00-11.50	T TH	WHAM	319	ALTEKRUSE MICHAEL	
481	SEMINAR	02.0 TO 12.0 CR				
	PREREQ	CONSENT OF INSTR & DEPT				
1	TO BE ARRANGED				CODY JOHN J	



501	SPEC RESEARCH PROB	02.0 TO 12.0 CR			
	PREREQ ADVANCED STANDING & CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				CODY JOHN J
505	INTR TO STAT METH	04.0 CR			
1	08.00-09.50 T F WHAM	303			EVANS JOHN REAVES
	ABOVE SECTION RESTR-MASTERS LEVEL STUDEN T ONLY				
2	09.00-10.50 M W WHAM	305			LEWIS ERNEST
3	09.00-10.50 T TH WHAM	312			ELMORE PATRICIA B
4	01.00-02.50 T TH WHAM	305			MCNEIL KEITH
5	06.00-09.00 PM M WHAM	228			LINDSEY JEFFERSON
6	06.00-09.00 PM W WHAM	303			LINDSEY JEFFERSON
506	ADV STATISTICAL MET	04.0 CR			
	PREREQ GUID 505				
1	09.00-10.50 M W WHAM	312			BEGGS DONALD LEE
2	01.00-02.50 M W WHAM	305			LEWIS ERNEST
	ABOVE SECT LIMITED TO STUDENTS ENROLLED IN MBA PROG				
507	DES & ANAL OF EXPER	04.0 CR			
	PREREQ GUID 506				
1	09.00-10.50 T TH WHAM	305			MCNEIL KEITH
515	PSY ASPECTS OF ED	04.0 CR			
	PREREQ ADVANCED STANDING				
1	10.00-11.50 M W WHAM	321			MILES DAVID T
521A	ANAL-CLASSRM BEHAV	04.0 CR			
	PREREQ GUID 305				
1	10.00-11.50 T TH WHAM	321			BARDO HAROLD R
531	THEORY OF MEASUREMT	04.0 CR			
	PREREQ GUID 505 OR CONSENT OF INSTR				
1	04.00-06.00 M W WHAM	329			TYLER THOMAS A
532A	INDIV MEAS THEORY	04.0 CR			
	PREREQ GUID 505 OR CONSENT OF INSTR				
1	06.00-09.00 PM TH WHAM	301A			WHITE GORDON W
532B	INDIV MEAS APPRAIS	04.0 CR			
	PREREQ GUID 505 OR CONSENT OF INSTR				
1	01.00-04.50 M WHAM	301A			AMBLE BRUCE ROY
537	COUNSEL THEORY-PRACT	04.0 CR			
	PREREQ CONSENT OF DEPARTMENT				
1	06.00-09.00 PM W WHAM	301A			MEEK CLINTON ROSCOE
541	OCCUP INF & GUID	04.0 CR			
	PREREQ GUID 442				
1	03.00-04.50 T TH WHAM	305			BRADLEY RICHARD W
545M	SEM-PSYC FOUND - ED	04.0 CR			
1	10.00-11.50 M W WHAM	212			CODY JOHN J
2	10.00-11.50 M W WHAM	301A			KELLY FRANCIS JOHN
548A	PRACT IN SEC GUID	02.0 TO 12.0 CR			
	PREREQ 537 OR CONSENT OF INSTR				
1	06.00-09.00 PM T CL	326			GRAFF ROBERT W
548B	PRACT IN ELEM GUID	02.0 TO 12.0 CR			
	PREREQ 537 OR CONSENT OF INSTR				
1	04.00-05.50 T TH WHAM	301B			ALTEKRUSE MICHAEL K
548D	PRAC IN SCHOOL PSYC	02.0 TO 08.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				SULZER BETH W
562A	HUM DEV IN ED-CHILD	04.0 CR			
	PREREQ ADVANCED STANDING				
1	01.00-02.50 M W WHAM	301B			DEICHMANN JOHN W
567	TOP SEM-EDUC PSYC	02.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	01.00-02.50 T TH WHAM	212			WILLIAMS REED G
568	TOP SEM COUN & GUID	02.0 TO 16.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				YATES J W
580	TOP SEM-STAT & MEAS	02.0 TO 12.0 CR			
	PREREQ INSTRUCTORS PERMISSION				
1	01.00-02.50 M W WHAM	312			BEGGS DONALD L
581	PRACT-COUNS & GUID	01.0 TO 12.0 CR			
	PREREQ GUID 548C				
1	TO BE ARRANGED				ALTEKRUSE MICHAEL K

590	SEM - BEHAV FOUNDAT	02.0 CR		
	PREREQ FORMAL ADMISSION TO DOCTOR OF PHIL STUDIES			
1	10.00-11.50	W	WHAM	3018 DEICHMANN JOHN W
2	02.00-03.50	W	WHAM	212 WILLIAMS REED G
596	INDEP INVESTIGATION	02.0 TO 12.0 CR		
	PREREQ INSTRUCTORS PERMISSION			
1	TO BE ARRANGED			CODY JOHN J
597	INDEPENDENT STUDY	01.0 TO 12.0 CR		
	PREREQ CONSENT OF DEPARTMENT			
1	TO BE ARRANGED			CODY JOHN J
599	THESIS	01.0 TO 09.0 CR		
	PREREQ CONSENT OF DEPT			
1	01.00-05.50	F	WHAM	223 CODY JOHN J
600	DISSERTATION	01.0 TO 48.0 CR		
1	08.00-12.00	S	WHAM	223 CODY JOHN J

#### H EC Home Economics

387	SPEC PROB-HONORS	02.0 TO 08.0 CR		
1	TO BE ARRANGED			
388	RES & INVESTIGATION	02.0 TO 08.0 CR		
1	TO BE ARRANGED			

#### H ED Health Education

301	H ED CONCEPTS ADV	04.0 CR		
1	09.00	TWTHF	ARENA	123 VINCENT RAYMOND J
302S	DRIVER-TRAFF SAFETY	04.0 CR		
	PREREQ A VALID DRIVERS LICENSE			
1	08.00	MTWTH	L-APS	136 LINDAUER LARRY B
305	PRIN-FOUND H ED	04.0 CR		
1	03.00	M WTHF	ARENA	125 HARRIS EILEEN M
312	EMOTIONAL HEALTH	04.0 CR		
1	11.00	MTWTH	ARENA	121 WILKERSON FRANK
313S	INTRO SAFETY EDUC	04.0 CR		
1	09.00	MT THF	L-APS	136 LINDAUER LARRY B
2	11.00	MT THF	L-APS	136 SMITH DONALD L
3	05.45-07.25	T TH	L-APS	136 LINDAUER LARRY
323S	METH MAT SAFETY EDU	04.0 CR		
1	01.00	MTWTH	L-APS	136 RITZEL DALE O
325	COMM HEALTH PROB	03.0 CR		
1	06.00-09.00 PM	T	ARENA	121 FREEMAN NORMAN R
334	FIRST AID	04.0 CR		
1	08.00	MTWTH	ARENA	119
2	09.00	MTWTH	ARENA	119
3	10.00	MTWTH	ARENA	119 KLAWITER WARREN D
4	11.00	MTWTH	ARENA	119 KLAWITER WARREN D
5	12.00	M WTHF	ARENA	119 DOOLEY AUBREY C
6	01.00	MTWTH	ARENA	119
7	02.00	MTWTH	ARENA	119
8	03.00	MTWTH	ARENA	119
9	04.00	MTWTH	ARENA	119
10	05.45-07.25	M W	ARENA	119 DOOLEY AUBREY C
11	05.45-07.25	T TH	ARENA	119
12	07.35-09.15 PM	M W	ARENA	119
350	METH MAT SCH HEALT	04.0 CR		
1	02.00	MTWTH	ARENA	123 PHILLIPS FRANCES K
356	PUBLIC HEALTH II	05.0 CR		
1	TO BE ARRANGED			RICHARDSON CHARLES
401	DIS PREVENT & CONTR	03.0 CR		
1	06.30-09.00 PM	W	ARENA	121 AMADIO JOHN B
	ADDITIONAL MEETINGS TBA			
405	SEX EDUC IN SCHOOLS	04.0 CR		
	PREREQ JR,SR,GRAD H ED,PE,OR ELED MAJ OR CONSENT H ED DEPT			
1	09.00	MTWTH	ARENA	121 BOYDSTON DONALD N
426	KNOWLEDGE TESTING	03.0 CR		
1	06.30-09.00 PM	T	TECH A	410 CASEY LESLIE R
	ADDITIONAL MEETINGS TBA			
442S	DRIV & TRAF SAFE ED	04.0 CR		
	PREREQ HED 302S			

1	08.00	MTWTH	L-APS	136	RITZEL DALE
	MUST ENROLL IN 445S CONCURRENTLY				
443S	DRIV & TRAF SAFE ED		04.0 CR		
	PREREQ HED 442S				
1	06.30-09.00 PM	T	L-APS	136	RITZEL DALE
	ADDITIONAL MEETINGS TBA				
445S	DRIVER SIMULATION		04.0 CR		
	PREREQ HED 443S OR CONSENT OF INSTR				
1	09.00	MTWTH	L-APS	136	SMITH DONALD L
460	SCH HEALTH PROGRAMS		04.0 CR		
1	01.00	MTWTH	ARENA	121	HARRIS EILEEN M
471	ORG AD SCH HEALTH		04.0 CR		
1	06.30-09.00 PM	W	TECH A	322	LEFEVRE JOHN R
	ADDITIONAL MEETINGS TBA				
475S	TRAFFIC LAW ENFCRCE		04.0 CR		
	PREREQ HED 433S OR CONSENT OF INSTR				
1	06.30-09.00 PM	W	L-APS	136	SMITH DONALD L
	ADDITIONAL MEETINGS TBA				
490	FLD WK SCH COMM HEA		02.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				GRISSOM DEWARD K
491	H TCH-SCHOOL & COMM		04.0 CR		
	PREREQ HED 305,471 OR CONSENT OF INSTRUCTOR				
1	06.30-09.00 PM	TH	ARENA	121	VINCENT RAYMOND J
	ADDITIONAL MEETINGS TBA				
498	ENVIRON HEALTH PROB		02.0 TO 06.0 CR		
1	TO BE ARRANGED				
500	ORG COM FOR HTH ED		04.0 CR		
1	06.30-09.00 PM	W	ARENA	123	GRISSOM DEWARD K
515	CUR LIT IN HTH ED		04.0 CR		
1	TO BE ARRANGED				
520	SPEC PROJ-HED & SAF		04.0 TO 06.0 CR		
1	TO BE ARRANGED				
525S	ORG-ADMN-SUP-SAF ED		04.0 CR		BOYDSTON DONALD N
1	06.30-09.00 PM	M	L-APS	136	AARON JAMES E
533A	HUMAN CONSERVATION		04.0 CR		
	PREREQ PERMISSION OF INSTRUCTOR				
1	06.30-09.00 PM	T	ARENA	123	GRISSOM DEWARD K
540S	READ-TRAF & SAF ED		01.0 TO 04.0 CR		
	PREREQ ADVANCED GRADUATE STANDING AND CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				AARON JAMES E
545S	EXTERNSHIP-TR&S ED		04.0 CR		
	PREREQ ADVANCED GRADUATE STANDING AND CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				AARON JAMES
590	FIELD INTERNSHIP		04.0 TO 12.0 CR		
1	TO BE ARRANGED				
597A	SEM IN HED & SAFETY		01.0 CR		GRISSOM DEWARD K
1	TO BE ARRANGED				
597B	SEM IN HED & SAFETY		01.0 CR		BOYDSTON DONALD N
1	TO BE ARRANGED				
597C	SEM IN HED & SAFETY		01.0 CR		BOYDSTON DONALD N
1	TO BE ARRANGED				
599	THESIS		03.0 TO 09.0 CR		BOYDSTON DONALD N
1	TO BE ARRANGED				
600	DISSERTATION		01.0 TO 48.0 CR		BOYDSTON DONALD N
	PREREQ MUST MEET MINIMUM REQ OF 36 HRS FOR PH D DEGREE				
1	TO BE ARRANGED				
	FROSH & SOPH;TRANSFER ,JR,SR REGISTER FOR 306				

**HEED Home Economics Education**

111	HOME EC ORIENTATION			02.0 CR	
2	01.00	T	H EC	140B	KEENAN DOROTHY M
	02.00	TH	H EC	203	KEENAN DOROTHY M
3	01.00	T	H EC	140B	KEENAN DOROTHY M
	03.00	TH	H EC	203	KEENAN DOROTHY M



306	SEMINAR IN HEC	02.0 CR			
1	09.00	T TH	H EC	206	CARTER ROSE M
2	09.00	T	H EC	206	
	01.00	TH	H EC	206	
309B	METHODS OF TEACHING	04.0 CR			
	PREREQ 309A				
1	08.00	M W F	H EC	102	KEENAN DOROTHY M
	PLUS ONE HOUR TBA				
310	EVAL AND ADULT EDUC	04.0 CR			
	PREREQ 309A,B & S ED 352B CONCURRENTLY				
1	TO BE ARRANGED				BUBNAS PHYLLIS
313	SPECIAL PROBLEMS	02.0 TO 04.0 CR			
1	TO BE ARRANGED				BUBNAS PHYLLIS
481	READINGS	02.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR AND CHAIRMAN OF DEPARTMENT				
1	TO BE ARRANGED				
485	PRIN-PHIL VO TEC ED	03.0 CR			
	PREREQ STUDENT TEACHING OR CONSENT OF DEPARTMENT				
1	09.00-11.30	S	TECH A	221	KEENAN DOROTHY M
510	SUPERVISION OF H EC	04.0 CR			
1	06.30-09.00 PM	TH	H EC	133	CARTER ROSE M
510A	PRACTICUM IN SUPERV	01.0 TO 04.0 CR			
	PREREQ 510 OR EDAF 556 OR CONSNET OF INSTRUCTOR				
1	TO BE ARRANGED				
572	SPECIAL PROBLEMS	02.0 TO 08.0 CR			
	PREREQ CONSENT OF DEPT CHAIRMAN				
1	TO BE ARRANGED				
573	SEM-RES IN HOME EC	01.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				FULTS ANNA CAROL
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	03.0 TO 48.0 CR			
1	TO BE ARRANGED				FULTS & KEENAN
<b>HIED Higher Education</b>					
402	PRIN STU PERS GP WK	02.0 CR	-(ELECTIVE PASS/FAIL)		
1	06.30-08.30 PM	W	WHAM	201	GRAHAM JACK
510	HIGHER EDUC IN U S	04.0 CR			
1	04.00-05.50	M W	WHAM	210	HAWLEY JOHN BABCOCK
512	HIED-SELECT NATIONS	04.0 CR			
1	06.30-09.30 PM	T	WHAM	112	CALDWELL OLIVER J
513	ORGAN & ADMIN-HIED	04.0 CR			
1	06.30-09.30 PM	M	WHAM	301B	KEENE ROLAND
515	COL STUDENT PER WK	04.0 CR			
1	10.00-11.50	W F	WHAM	303	GRAHAM JACK W
516	COL STUDENT-CULTURE	04.0 CR			
1	06.30-09.30 PM	W	WHAM	328	CASEBEER ARTHUR L
518	COLLEGE TEACHING	04.0 CR			
1	09.00-11.50	S	WHAM	307	SWINBURNE BRUCE R
2	06.30-09.30 PM	W	WHAM	228	SWINBURNE BRUCE R
522	READINGS	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				GRAHAM-CASEBEER
2	TO BE ARRANGED				TOLLE-SWINBURNE
3	TO BE ARRANGED				KEENE-KING
4	TO BE ARRANGED				HAWLEY-CALDWELL
523A	INTERN-COLL TEACH	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				SWINBURNE BRUCE R
523B	INTERN-STUDENT PERS	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				GRAHAM JACK W
523C	INTERN-COLLEGE ADM	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				KING JOHN E

523D	INTERNSHIP	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED			JUNG LOREN B	
524	INDIVIDUAL STUDY	02.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED			GRAHAM-CASEBEER	
2	TO BE ARRANGED			TOLLE DONALD	
3	TO BE ARRANGED			KEENE-KING	
4	TO BE ARRANGED			HAWLEY-CALDWELL	
5	TO BE ARRANGED			SWINBURNE BRUCE	
535A	ED PROG STUDENT HSG	02.0 TO 04.0 CR			
1	03.00-04.50	W	WHAM	301A	ZIMMERMAN ELWYN
535E	PROB IN CENT ADMIN	02.0 TO 04.0 CR			
1	07.30-09.30 PM	W	WHAM	307	KING JOHN E
535G	ACAD & FACULTY ADM	02.0 TO 04.0 CR			
1	06.30-08.30 PM	T	WHAM	203	GRAHAM JACK W
535J	TECHNICAL INSTITUTE	02.0 TO 04.0 CR			
1	09.00-10.50	S	WHAM	201	
545S	SEMINAR LAW & LEG	02.0 TO 04.0 CR			
1	02.00-03.50	T TH	WHAM	312	
	INSTRUCTORS: CASEBEER-KEENE-HUFFMAN				
545V	FED GOV & HI ED	02.0 TO 04.0 CR			
1	06.30-09.30 PM	TH	WHAM	328	CALDWELL OLIVER J
551	CURR DES & POLICY	04.0 CR			
1	09.00-11.50	S	WHAM	321	TOLLE DONALD J
555	PHILOSOPHY OF HI ED	04.0 CR			
1	06.30-09.15 PM	T	WHAM	328	CASEBEER ARTHUR L
565	COMMUNIT-JR COLLEGE	04.0 CR			
1	04.00-05.50	T TH	WHAM	329	TOLLE DONALD J
578	ECON ASPECT OF HIED	04.0 CR			
1	06.30-09.15 PM	W	WHAM	321	JUNG LOREN B
589	ADVANCED RESEARCH	04.0 TO 08.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED			KING-SWINBURNE	
595	HIED SEMINAR III	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	08.30-11.50	S	WHAM	301B	KING-HAWLEY
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 48.0 CR			
	PREREQ MINIMUM OF 36 HRS TO BE EARNED				
	FOR DOCTOR OF PHIL				
1	TO BE ARRANGED				
<b>HIST History</b>					
200A	HIST OF WEST CIV	03.0 CR			
1	03.00-04.30	M W	LAWSON	101	BREHM DONALD
200B	HIST OF WEST CIV	03.0 CR			
1	09.00	MT TH	WHAM	302	DOTSON JOHN
200C	HIST OF WEST CIV	03.0 CR			
1	10.00	M WTH	WHAM	302	DETWILER DONALD
309B	SURV BLACK AM HIST	03.0 CR			
1	11.00	M W F	H EC	102	JAMES FELIX
315B	INTEL HIST-WEST WLD	03.0 CR			-(ELECTIVE PASS/FAIL)
1	10.00	MT TH	H EC	104	VYVERBERG HENRY S
322A	ENG HIST-TO 1603	04.0 CR			
1	08.00	MT THF	H EC	201	
332A	MEDIEVAL HISTORY	03.0 CR			
	PREREQ SOPH STANDING				
1	02.00	M WTH	H EC	102	BREHM DONALD L
333C	EUR HIST-20TH CENT	03.0 CR			
1	01.00	T THF	H EC	201	MCFARLIN HAROLD A
349A	PRE-COLONIAL AFRICA	03.0 CR			-(ELECTIVE PASS/FAIL)
1	01.00	M WTH	H EC	202	CHARLES EUNICE A
352A	LATIN AMER-COLONIAL	03.0 CR			-(ELECTIVE PASS/FAIL)
1	02.00	MTW	PULL	118	GOLD ROBERT L
365A	HIST CHINESE CIVIL	03.0 CR			
	PREREQ 6 HRS OF 300-LEVEL SOC SCIENCE				
	OR CONSENT OF INSTR				
1	09.00	M W	PULL	119	WU TIEN-WEI
	09.00	TH	H EC	201	WU TIEN-WEI

367A	FAR EAST--TO 1800		03.0	CR		
1	12.00	M W	H EC	102	WU TIEN-WEI	
	12.00	TH	H EC	118	WU TIEN-WEI	
401A	HIST OF SOUTH		03.0	CR		
1	10.00	M W F	H EC	118	MURPHY JAMES B	
403A	AMER ECONOMIC HIST		03.0	CR		
1	01.00	TW	H EC	120		
	01.00	TH	H EC	208		
405A	U.S. HIST 1850-1896		03.0	CR		
	PREREQ	GSB 300B OR CONSENT OF INSTR				
1	09.00	MT TH	H EC	202	SIMON JOHN Y	
409A	US CONSTITUT HIST		03.0	CR	-(ELECTIVE PASS/FAIL)	
1	12.00	T THF	H EC	201	CARROTT MONTGOMERY B	
410	SPECIAL READINGS		02.0	TO 05.0	CR	
1	TO BE ARRANGED					
411A	U S SOC-INT-TO 1830		03.0	CR		
1	11.00	MT TH	H EC	202	FLADELAND BETTY	
414C	INTELLECTUAL-EUROPE		03.0	CR	-(ELECTIVE PASS/FAIL)	
1	11.00	MT TH	H EC	104	VYVERBERG HENRY S	
416A	MOD EUR-RENAISSANCE		03.0	CR	-(ELECTIVE PASS/FAIL)	
1	11.00	MT TH	H EC	122	DOTSON JOHN EDWARD	
417A	ADV ENG HIST		03.0	CR	-(ELECTIVE PASS/FAIL)	
1	10.00	MT TH	FANER	2205		
430C	LATE MODERN EUROPE		03.0	CR		
	PREREQ	200C OR 333B				
1	12.00	M WTH	H EC	202	ODAY EDWARD J	
434A	SOC-POL HIS MOD EUR		03.0	CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	200C OR 333B				
1	11.00	T	H EC	102	ZUCKER STANLEY	
	11.00	W F	H EC	202	ZUCKER STANLEY	
435A	20TH CENT U.S. HIST		03.0	CR		
	PREREQ	GSB 300C OR CONSENT OF INSTR				
1	02.00	M	H EC	104	ALLEN HOWARD W	
	02.00	T TH	H EC	201	ALLEN HOWARD W	
440A	AMER DIPLOMACY-1860		03.0	CR		
	PREREQ	6 HRS 300-LEVEL SOC SC OR CON- SENT OF INSTR				
1	02.00	TW	H EC	104	TRANI EUGENE	
	02.00	TH	FANER	2010	TRANI EUGENE	
442A	THE WEST--COLONIAL		03.0	CR		
1	03.00	M W F	H EC	102	CLIFFORD JOHN	
449A	ADV AFRICAN HISTORY		03.0	CR		
	PREREQ	1 QTR HIST 349, CONSENT OF INSTR. OR GRAD STAND.				
1	02.00	M WTH	FANER	2205	CHARLES EUNICE	
461B	MID AGE-CULT&INTELL		03.0	CR		
1	06.00-07.25 PM	M	H EC	3	BREHM DONALD	
	06.00-07.25 PM	W	H EC	106	BREHM DONALD	
463A	HISTORY OF FRANCE		03.0	CR		
	PREREQ	6 HRS OF 300 LEVEL SOC SCI OR CONSENT OF DEPARTMENT				
1	10.00	M W F	H EC	122	BARTON H ARNOLD	
464A	HISTORY OF GERMANY		03.0	CR		
1	09.00	M W	H EC	122	DETWILER DONALD	
	09.00	TH	H EC	120	DETWILER DONALD	
470	ARGENTINA & CHILE		03.0	CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	6 HRS OF 300-LEVEL SOC SCIENCE OR CONSENT OF DEPT				
1	09.00	T THF	FANER	2010	WERLICH DAVID P	
475A	DICTATORSHIP-LAT AM		03.0	CR	-(ELECTIVE PASS/FAIL)	
1	12.00	MTW	WHAM	305	GOLD ROBERT	
476	ANDEAN S AMERICA		03.0	CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	6 HRS OF 300 LEVEL SOC SCI OR CONSENT OF DEPT				
1	01.00	T THF	FANER	2205	WERLICH DAVID	
498A	HISTORY HONORS		03.0	CR		
	PREREQ	CONSENT OF DEPT				
1	03.00-06.00	T	H EC	3	ZUCKER STANLEY	
510	READINGS IN HISTORY		02.0	TO 12.0	CR	
	PREREQ	CONSENT OF DEPT				
1	TO BE ARRANGED					



519A	AGE OF JEFFERSON			04.0 CR	
1	03.00-05.50	W	FANER 2205	AMMON HARRY	
553	NEW VWPTS IN AMER H		04.0 CR		
1	02.00-04.50	T	FANER 2204	FLADELAND BETTY	
575A	STUDIES-LATIN AMER		04.0 CR		
1	03.00-06.00	M	FANER 2204	GARDINER C HARVEY	
586	EAR MOD EUROPE HIST		04.0 CR		
1	02.00-04.50	W	FANER 2204	BARTON H ARNOLD	
590	MOD EUROPEAN HIST		04.0 CR		
	PREREQ	GRAD STANDING OR PERMISSION OF DEPT			
1	03.00-05.50	TH	FANER 2204	MCFARLIN HAROLD	
597	INDEP INVESTIGATION		03.0 TO 07.0 CR		
	PREREQ	DOCTORAL STANDING AND CONSENT OF GRADUATE ADVISOR			
1	TO BE ARRANGED				
599	THESIS		01.0 TO 09.0 CR		
1	TO BE ARRANGED				
600	DISSERTATION		01.0 TO 48.0 CR		
1	TO BE ARRANGED				

### IT Industrial Technology

100	ORIENTATION			00.0 CR	
1	03.00	T	TECH A 221		
300A	PLASTIC PROCESS		04.0 CR		
	PREREQ	GSA 106			
1	08.00	T THF	TECH A 221		
	01.00-02.50	M	TECH D 14B		
2	08.00	T THF	TECH A 221		
	01.00-02.50	T	TECH D 14B		
307	ANAL PROB IN TECH		05.0 CR		
	PREREQ	MATH 111A, B			
1	02.00	MTWTHF	TECH A 410		
317	CAST&METAL FORMING		05.0 CR		
	PREREQ	MATH 111A			
1	11.00	MTW F	TECH A 222		
	08.00-09.50	F	TECH D 14B		
2	11.00	MTW F	TECH A 222		
	01.00-02.50	TH	TECH D 14B		
318	MATERIALS JOINING		03.0 CR		
1	10.00	W F	TECH A 221		
	06.00-07.50 PM	T	TECH D 14B		
2	10.00	W F	TECH A 221		
	10.00-11.50	TH	TECH D 14B		
319	INDUSTRIAL INTERN		03.0 TO 48.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
325	METAL REMOVAL PROC		05.0 CR		
	PREREQ	MATH 111A			
1	01.00	TWTHF	TECH A 221		
	08.00-09.50	T	TECH D 14B		
2	01.00	TWTHF	TECH A 221		
	10.00-11.50	W	TECH D 14B		
335	METAL & HEAT TREAT		03.0 CR		
	PREREQ	MATH 111A			
1	09.00	M W	TECH A 410		
	10.00-11.50	T	TECH B 143		
2	09.00	M W	TECH A 410		
	03.00-04.50	T	TECH B 143		
351	INDUST METROLOGY		03.0 CR		
	PREREQ	IT 365			
1	11.00	M W F	TECH A 208		
359	DESIGN ILLUSTRATION		04.0 CR		
	PREREQ	E T 102B			
1	04.00	TWTH	TECH A 420		
	01.00-03.50	W	TECH A 307		
365	QUALITY CONTROL		04.0 CR		
	PREREQ	SR STANDING			
1	03.00	MT THF	TECH A 220		

375	PROD&INVENT CONTROL	04.0 CR	
	PREREQ ENGR 222		
1	09.00 MT THF	TECH A 221	
425	ADV PROC DES & CONT	03.0 CR	
	PREREQ IT 325, IT 317, IT 318		
1	02.00 M W F	TECH A 420	
465A	INDUSTRIAL SAFETY	04.0 CR	
	PREREQ SR STANDING		
1	10.00 MT THF	TECH A 422	

## ID Interior Design

131	INTRO TO DESIGN	03.0 CR	
1	10.00 T TH	H EC 140B	
	01.00-02.50 M	H EC 302	
2	10.00 T TH	H EC 140B	
	01.00-02.50 W	H EC 302	
3	10.00 T TH	H EC 140B	
	08.00-09.50 F	H EC 302	
4	10.00 T TH	H EC 140B	
	12.00-01.50 F	H EC 302	
231A	BASIC INTERIOR DES	03.0 CR	
	PREREQ ID MAJORS ONLY		
1	08.00-10.50 T TH	H EC 302	GREENE NANCY DONAVE
2	12.00-02.50 T TH	H EC 302	
300	DISPLAY&EXHIBITION	02.0 CR	
	PREREQ ID 131 OR 231 OR CONSENT OF CHAIRMAN		
1	04.00-05.50 T TH	H EC 302	
	ADDITIONAL HOURS TBA		
380	ID THRU 19TH CENT	04.0 CR	
1	03.00 MTWTH	H EC 140B	STEWART LUCY
390	INTERIOR DESIGN	05.0 CR	
	PREREQ *AD 110A,B OR CON CHAIR-MAY BE TAKEN CONCUR WITH 110B		
1	08.00-11.50 M W	H EC 304A	STEWART LUCY
2	08.00-11.50 T TH	H EC 304A	STEWART LUCY
3	08.00-11.50 M W	H EC 304A	GREENE NANCY DONAVE
391C	INTERMEDIATE ID	05.0 CR	
	PREREQ ID 391B		
1	08.00-11.50 T TH	H EC 304A	LOUGEAY PAUL J
2	08.00-11.50 M W	H EC 302	
3	01.00-04.50 T TH	H EC 304A	GREENE NANCY DONAVE
396	SPECIAL PROBLEMS	02.0 TO 05.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		LOUGEAY PAUL J
481	READINGS	02.0 TO 06.0 CR	
	PREREQ CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		LOUGEAY PAUL J
491	ADV INTERIOR DESIGN	04.0 CR	
	PREREQ 391C OR CONSENT OF CHAIRMAN		
1	TO BE ARRANGED		LOUGEAY PAUL J

## IM Instructional Materials

400	LIB RES METHODS	02.0 CR	
1	02.00 T TH	PULL 310	DALE DORIS CRUGER
401	INTRO TO CATALOGING	04.0 CR	
1	01.00-02.50 M W F	PULL 310	DALE DORIS CRUGER
403	SCH LIB FUN MGT	04.0 CR	
1	01.00 MTWTH	PULL 318	COX DOROTHY J
405	LIB MAT FOR CHILD	04.0 CR	
	PREREQ OPEN TO JUNIORS WITH CONSENT OF INSTRUCTOR		
1	12.00 MTWTH	PULL 318	FLETCHER KATHLEEN G
406	ADOL LIB MATERIALS	04.0 CR	
	PREREQ OPEN TO JUNIORS WITH CONSENT OF INSTRUCTOR		
1	09.00 MTWTH	PULL 318	FLETCHER KATHLEEN G
407	BASIC REF SOURCES	04.0 CR	
1	08.00 MTWTH	PULL 318	COX DOROTHY J
417	A-V METH IN EDUC	04.0 CR	
	PREREQ GUID 305		

1	08.00	MTWTH	PULL	316	
2	09.00	MTWTH	PULL	316	
3	10.00	MTWTH	PULL	316	
4	11.00	MTWTH	PULL	316	
5	11.00	MTWTH	PULL	318	
6	12.00	MTWTH	PULL	316	
7	01.00	MTWTH	PULL	316	
8	02.00	MTWTH	PULL	316	
9	02.00	MTWTH	PULL	318	
420	SCH LIB ACT-PRACT		04.0 CR		
1	10.00	MTWTH	PULL	318	FLETCHER KATHLEEN G
440	PHOTUG FOR TEACHERS		04.0 CR		
	PREREQ IM 417				
1	11.00-12.50	M W	PULL	310	BUTTS GORDON K
445	PREP TEACH-MADE MAT		04.0 CR		
	PREREQ 417 OR CONSENT OF INSTRUCTOR				
1	01.00-02.50	MTWTH	PULL	307	JURGEMEYER FREDERICK
2	06.30-09.30 PM	T TH	PULL	307	JURGEMEYER FREDERICK
505	LIT OF HUMANITIES		04.0 CR		
	PREREQ IM 407				
1	06.30-09.00 PM	TH	PULL	318	DALE DORIS
510	MASS COMM IN EDUC		04.0 CR		
	PREREQ IM 417				
1	06.30-09.00 PM	M	PULL	318	SPIGLE IRVING
546	INTEG A-V MATERIALS		04.0 CR		
	PREREQ 417, CONSENT OF INSTRUCTOR				
1	06.30-09.00 PM	W	PULL	318	INGLI DONALD A
570	PRACTICUM		04.0 TO 12.0 CR		
	PREREQ IM 417, 445, AND CONSENT OF CHAIRMAN				
1	TO BE ARRANGED				
576	PROB INST MAT		02.0 TO 08.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				
599	THESIS		05.0 TO 09.0 CR		
1	TO BE ARRANGED				
600	DISSERTATION		01.0 TO 48.0 CR		
1	TO BE ARRANGED				BUTTS GORDON K

**ITAL Italian**

144A	ITAL CONVERSATION		01.0 CR		
	PREREQ CONCURRENT ENROLLMENT IN C144A				
1	11.00	F	FANER	2008	

**JAP Japanese**

131A	JAPAN CONVERSATION		01.0 CR		
1	11.00	TH	FANER	1032	
201A	INTERMED JAPANESE		05.0 CR		
	PREREQ GSC 131C				
1	01.00	M W F	FANER	2006	
	01.00	T TH	FANER	2008	

With the exception of JRNL 345, 346, 370-Sec. 2, and 393, admission to all JRNL courses must be approved by the School of Journalism.

**JRNL Journalism**

300	THE NEWS		03.0 CR		
	PREREQ JRNL 345 346				
1	02.00	M W	LAWSON	101	
	02.00-03.50	TH	COMM	1250	
2	02.00	M W	LAWSON	101	
	03.00-04.50	W	COMM	1250	
3	02.00	M W	LAWSON	101	
	09.00-10.50	F	COMM	1248	
4	02.00	M W	LAWSON	101	
	03.00-04.50	TH	COMM	1250	
301	NEWSWRIT EDIT I		03.0 CR		
	PREREQ JRNL 300				
1	09.00	T	AG	214	
	TO BE ARRANGED				
	ADDITIONAL HRS TBA				



2	09.00	T	AG	214	
	TO BE ARRANGED				
	ADDITIONAL HRS TBA				
3	09.00	T	AG	214	
	TO BE ARRANGED				
	ADDITIONAL HRS TBA				
4	09.00	TH	AG	214	
	TO BE ARRANGED				
	ADDITIONAL HRS TBA				
302	NEWSWRIT EDIT II			03.0 CR	
	PREREQ	JRNL 301			
1	08.00	M W F	COMM	1213	
2	12.00	M W F	COMM	1213	
303	NEWS & EDIT III			03.0 CR	
	PREREQ	JRNL 301 AND 302			
1	11.00	T	COMM	1018	HARMON WILLIAM M
	ADDITIONAL HRS TBA				
310A	RADIO & TV NEWS			03.0 CR	
	PREREQ	JRNL 300, 301, 302 & 303			
1	08.00	M W F	COMM	1250	
310B	CABLE TV REPORTING			03.0 CR	
	PREREQ	JRNL 300, 301, 302, 310A			
1	06.30-09.30 PM	W	COMM	1250	
330	EDITORIAL WRITING			03.0 CR	
	PREREQ	JRNL 303			
1	11.00	M W F	COMM	1017	STONECIPHER HARRY W
345	HIST OF JOURN			03.0 CR	
1	10.00	M W F	LAWSON	221	HART JIM ALLEE
346	MASS MEDIA & MOD SOC			03.0 CR	
1	12.00	M W F	LAWSON	171	GROTTA GERALD L
349	PRACTICUM			02.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				
	CLASS WILL MEET IN COMM 1259				
350	COMMUNITY NEWSPAPER			03.0 CR	
1	02.00	M W F	COMM	2012	
359	MAG CAREERS & HIST			03.0 CR	
1	09.00	M W F	AG	150	
369	MAG WRITING			03.0 CR	
	PREREQ	JRNL 300, 301, 302			
1	02.00	M W F	COMM	1250	FORD JAMES L C
370	PRIN OF ADVERTISING			03.0 CR	
1	12.00	M W F	LS I	133	
2	12.00	M W F	LS I	133	
	ABOVE SECT RESTR TO JRNL MAJORS				
372	AD COPY LAYOUT PROD			05.0 CR	
	PREREQ	JRNL 373			
1	02.00	MTWTH	COMM	1213	FRUEND DAVID L
	03.00-04.50	TH	COMM	1213	FRUEND DAVID L
373	ADV MEDIA & MARKETS			03.0 CR	
	PREREQ	JRNL 374			
1	11.00	M W F	LS II	450	FRUEND DAVID L
374	ADV POL AND PROBS			03.0 CR	
	PREREQ	JRNL 370 & MKTG 301			
1	09.00	M W F	AG	144	FRUEND DAVID L
376	ADVER CAMPAIGNS			04.0 CR	
	PREREQ	JRNL 372			
1	03.00-04.50	T F	COMM	1213	FRUEND DAVID L
383A	NP PROD MANAGEMENT			03.0 CR	
	PREREQ	JRNL 300			
1	08.00	T	COMM	1250	
	08.00-09.50	TH	COMM	1250	
2	11.00	T	COMM	1248	
	11.00-12.50	T TH	COMM	1248	
3	01.00	T	COMM	1250	
	01.00-02.50	TH	COMM	1250	
383B	NP PROD MANAGEMENT			03.0 CR	
	PREREQ	JRNL 383A			
1	08.00	M W F	COMM	1248	
2	10.00	M W F	COMM	1250	

390	ADVANCED REPORTING		03.0 CR		
	PREREQ JRNL 303				
1	01.00	M W F	COMM 1213	LAWHORNE CLIFTON O	
391	FEATURE WRITING		03.0 CR		
	PREREQ JRNL 303				
1	09.00	T	COMM 1213	MENDENHALL HARLAN H	
	09.00-10.50	TH	COMM 1213	MENDENHALL HARLAN H	
	NOT OPEN TO STUDENTS WHO HAVE HAD JRNL 300				
2	10.00	T	COMM 1250	MENDENHALL HARLAN H	
	10.00-11.50	TH	COMM 1250	MENDENHALL HARLAN H	
393	PUBLICITY METHODS		03.0 CR		
	PREREQ NOT OPEN TO STUDENTS WHO HAVE HAD JRNL 300				
1	09.00	M W F	COMM 1018	LONG HOWARD RUSK	
395	INTR-MASS COMM THEO		03.0 CR		
1	01.00	M W F	COMM 1018	ATWOOD ERWIN	
399	SENIOR SEMINAR		01.0 CR		
	PREREQ LAST QTR MAJORS				
1	12.00	T	COMM 1022	RUCKER BRYCE W	
431	PUBLIC RELATIONS		03.0 CR		
	PREREQ SR STANDING-JRNL MAJORS ONLY				
1	10.00	M W F	AG 224		
433A	RES THEORY & DESIGN		04.0 CR		
	PREREQ JRNL 432 OR CONSENT OF INSTR				
1	09.00	M W F	COMM 1017	CHU GODWIN C	
	03.00-04.50	T	COMM 1017	CHU GODWIN C	
442	LAW OF JOURNALISM		03.0 CR		
	PREREQ SR STANDING -JRNL MAJORS ONLY				
1	09.00	M W F	COMM 1021		
455	SEM-MEDIA PROBLEMS		03.0 CR		
	PREREQ SR & CONSENT				
1	06.30-09.00 PM	TH	COMM 1250	GROTTA	
498	READINGS		01.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED			STONECIPHER HARRY	
533	RESEARCH PROB-JRNL		01.0 TO 12.0 CR		
	PREREQ GRAD STANDING				
1	TO BE ARRANGED			BROWN GEORGE CURTIS	
2	TO BE ARRANGED				
545	STUDIES IN JRNL HIS		03.0 CR		
1	06.00-09.00 PM	T	COMM 1021	HART JIM ALLEE	
591	TOPICAL SEM IN COMM		01.0 TO 12.0 CR		
	PREREQ GRADUATE STATUS				
1	TO BE ARRANGED				
595	GRADUATE SEMINAR		00.0 CR		
1	12.00	T	COMM 1244	BROWN GEORGE CURTIS	
598	READINGS		01.0 TO 12.0 CR		
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED			BROWN GEORGE CURTIS	
2	TO BE ARRANGED			BROWN GEORGE CURTIS	
599	THESIS		01.0 TO 08.0 CR		
1	TO BE ARRANGED			BROWN GEORGE CURTIS	
600	DISSERTATION		01.0 TO 48.0 CR		
1	TO BE ARRANGED			BROWN GEORGE CURTIS	

**LAC Liberal Arts College**

300	INDIV INTERDIS READ	01.0 TO 04.0 CR
	PREREQ ADVANCE APPROVAL BY THE DEAN	
1	TO BE ARRANGED	
	ADVANCE APPROVAL BY DEAN REQUIRED	
301	INDIV INTERDISC RES	01.0 TO 04.0 CR
	PREREQ ADVANCE APPROVAL BY THE DEAN	
1	TO BE ARRANGED	
	ADVANCE APPROVAL BY DEAN REQUIRED	
302	IND INTERDIS F STUD	01.0 TO 04.0 CR
	PREREQ ADVANCE APPROVAL BY THE DEAN	
1	TO BE ARRANGED	
	ADVANCE APPROVAL BY DEAN REQUIRED	

<b>LATN</b>		<b>Latin</b>							
201A	INTERMEDIATE LATIN			04.0	CR				
	PREREQ	GSC 133C OR EQUIV							
1	11.00	MT THF	WHAM	307		SPECK CHARLES W			
304	PRIVATE LIFE ROMANS			02.0	CR	-(ELECTIVE PASS/FAIL)			
1	02.00	T F	WHLR	107		SPECK CHARLES			
311	ROMAN COMEDY			04.0	CR	-(ELECTIVE PASS/FAIL)			
	PREREQ	LATN 201C OR EQUIVALENT							
1	09.00	MTW F	FANER	3113		SPECK CHARLES			
415	READ-LATN AUTHORS			02.0 TO 08.0	CR	-(ELECTIVE PASS/FAIL)			
1	TO BE ARRANGED					SPECK CHARLES			

<b>LING</b>		<b>Linguistics</b>							
100A	ORAL ENG-FOREIGN ST			03.0	CR	-(MANDATORY PASS/FAIL)			
1	01.00	MTWTH	BAILEY	130		PARISH CHARLES			
	01.00	F	AG	116					
300	INTRO TO LINGUISTIC			04.0	CR				
1	03.00	MT THF	GYM	107		NGUYEN DINH-HOA			
401A	INTRO TO LINGUISTIC			04.0	CR				
1	03.00	MT THF	AG	154		GILBERT GLENN			
401B	INTRO TO LINGUISTIC			04.0	CR				
1	02.00	MT THF	AG	218		KONNEKER BEVERLY			
402A	PHONETICS			04.0	CR				
1	10.00	MT THF	AG	218		SILVERSTEIN RAYMOND			
2	11.00	MT THF	AG	218		SILVERSTEIN RAYMOND			
410G	INTERMED VIETNAMESE			05.0	CR				
	PREREQ	GSC 250 G,H,I OR EQUIV							
1	10.00	MTWTHF	0720	121		NGUYEN DINH HOA			
	11.00	MTWTHF	FANER	3010					
420G	ADV VIETNAMESE			04.0	CR				
	PREREQ	LING 410 OR EQUIV							
1	12.00	MT THF	FANER	2204					
430	GRAMMATICAL STRUCT			04.0	CR				
	PREREQ	LING 401A AND B OR EQUIVALENT							
1	TO BE ARRANGED								
497	READINGS IN LING			02.0 TO 12.0	CR				
	PREREQ	CONSENT OF INSTR & UNDERGRAD STATUS							
1	TO BE ARRANGED								
510	HIST OF LING			04.0	CR				
1	09.00	M F	FANER	2204		CARRELL PATRICIA			
	09.00	T TH	FANER	2206					
540	STUDIES-LINGUISTICS			02.0 TO 08.0	CR				
	PREREQ	401B OR EQUIV OR CONSENT							
1	TO BE ARRANGED					KATRANIDES ARISTOTLE			
2	12.00-01.50	T TH	AG	218					
3	05.45-07.25	T	NKRS C	410		GILBERT GLENN G			
	05.45-07.25	TH	NKRS A	278					
570	CLSRM TECH IN TEFL			03.0	CR				
1	09.00	MT TH	0438	108		PARISH CHARLES			
581A	METH PRACT-ENGLISH			02.0	CR				
	PREREQ	CONSENT OF DEPT							
1	01.00	MTWTH	BAILEY	130		PARISH CHARLES			
	01.00	F	AG	218					
585	TEACH FOREIGN STU			02.0	CR				
1	08.00	T	0720	102		KATRANIDES ARISTOTLE			
	08.00	W	0720	103					
597	READINGS IN LING			02.0 TO 12.0	CR				
	PREREQ	LING 401B OR EQUIV							
1	TO BE ARRANGED								
599	THESIS			02.0 TO 09.0	CR				
	PREREQ	M.A. CANDIDACY							
1	TO BE ARRANGED								

<b>MATH</b>		<b>Mathematics</b>							
108	BASIC TRANS MATH			03.0	CR				
	PREREQ	GSD 107							
1	08.00		F	NKRS C	118				
	08.00	T TH		TECH A	422				
2	09.00	M		AG	220				
	09.00	WTH		TECH A	422				



3	10.00	T TH	TECH A	410
	10.00	F	AG	116
4	11.00	M W F	TECH A	308
5	11.00	M W F	AG	116
6	12.00	TW F	TECH D	131
7	01.00	T THF	AG	154
8	02.00	T F	TECH A	210
	02.00	TH	TECH A	208
9	03.00	T F	TECH A	322
	03.00	TH	NKRS A	160
10	04.00	M W F	TECH A	208
11	06.00-07.25 PM	T TH	NKRS C	218
12	06.00-07.25 PM	M W	NKRS C	218
111A	COL ALGEBRA TRIG		05.0 CR	
	PREREQ	MUST BE TAKEN IN A,B SEQUENCE		
1	08.00	MTWTHF	TECH A	320
2	08.00	MTWTHF	NKRS A	160
3	08.00	MTWTHF	NKRS C	116
4	09.00	MTWTHF	TECH A	322
5	09.00	MTWTHF	TECH A	210
6	09.00	MTWTHF	TECH D	131
7	10.00	MTWTHF	0834	114A
8	10.00	MTWTHF	AG	144
9	12.00	MTWTHF	TECH A	420
10	12.00	M W F	NKRS C	218
	12.00	T TH	TECH A	322
11	01.00	MTWTHF	0834	114
12	01.00	MTWTHF	TECH A	208
13	01.00	MTWTHF	TECH A	322
14	02.00	MTWTHF	TECH A	320
15	02.00	MTWTHF	TECH A	408
16	02.00	MTWTHF	TECH A	222
17	03.00	MTWTHF	TECH A	210
18	03.00	MTWTHF	NKRS A	156
19	03.00	MTWTHF	TECH A	422
20	06.00-07.25 PM	M WTH	TECH A	220
21	06.00-07.25 PM	M WTH	TECH A	210
22	07.35-09.00 PM	M WTH	TECH A	220
111B	COL ALGEBRA TRIG		05.0 CR	
	PREREQ	MATH 111A OR MATH 108		
1	08.00	MTWTHF	NKRS A	156
2	08.00	MTWTHF	TECH A	410
3	09.00	MTWTHF	NKRS A	160
4	10.00	MTWTHF	TECH A	210
5	12.00	MTWTHF	0834	114A
6	12.00	MTWTHF	TECH A	422
7	01.00	MTWTHF	TECH D	131
8	02.00	MTWTHF	TECH A	422
9	03.00	MTWTHF	TECH D	131
10	06.00-07.25 PM	M WTH	NKRS A	156
140A	SHORT CRSE-CALCULUS		03.0 CR	
	PREREQ	MATH 111A		
1	08.00	MT TH	NKRS C	118
2	09.00	T	TECH A	320
	09.00	W F	TECH A	310
3	10.00	T THF	TECH D	131
4	11.00	M W F	TECH D	131
5	12.00	M WTH	TECH A	410
6	02.00	M	TECH D	131
	02.00	T TH	TECH A	322
7	03.00	TW F	TECH A	222
8	04.00	M W F	TECH A	210
9	06.00-07.25 PM	M W	NKRS A	160
140B	SHORT CRSE CALCULUS		03.0 CR	
	PREREQ	MATH 140A		
1	10.00	T F	TECH A	222
	10.00	TH	TECH A	320
2	02.00	M W F	0834	114
3	04.00	M W F	NKRS A	156
150A	ELEM CALC-ANAL GEOM		05.0 CR	
	PREREQ	MATH 111B		

1	08.00	MTWTHF	TECH D	131
2	09.00	MTWTHF	TECH A	408
3	10.00	MTWTHF	TECH A	408
4	12.00	M W F	NKRS C	118
	12.00	T TH	NKRS A	160
5	01.00	MTWTHF	NKRS C	116
6	01.00	MTWTHF	NKRS A	160
7	02.00	MTWTHF	TECH A	220
8	03.00	MTWTHF	TECH A	408
150B	ELEM CALC-ANAL GEOM		05.0	CR
	PREREQ MATH 150A			
1	08.00	MTWTHF	TECH A	408
2	10.00	MTWTHF	NKRS C	116
3	12.00	MTWTHF	NKRS C	116
4	02.00	MTWTHF	NKRS C	118
5	03.00	MTWTHF	TECH A	308
159A	ELEM CALCULUS-HONOR		07.0	CR
	PREREQ CONSENT OF DEPT			
1	09.00	MTWTHF	0834	114A
221	INTRO LINEAR ALGEBR		03.0	CR
	PREREQ 150B			
1	11.00	M W F	TECH A	422
2	02.00	M W F	TECH A	322
252A	INTER CALC-ANLY GEO		04.0	CR
	PREREQ 150B OR 159B			
1	09.00	M	TECH A	310
	09.00	T THF	TECH A	410
2	12.00	MT THF	TECH A	210
3	03.00	MTWTH	TECH A	310
252B	INTER CALC-ANLY GEO		03.0	CR
	PREREQ 252A			
1	10.00	M WTH	TECH A	222
2	01.00	T F	NKRS C	118
	01.00	TH	NKRS C	218
301	FUNDAMENTAL CONCEPT		03.0	CR
	PREREQ MATH 150B OR DEPT CONSENT			
1	11.00	M W F	0834	114A
305A	MATH PHYS SCIENCES		03.0	CR
	PREREQ MATH 252B			
1	08.00	M W F	TECH A	422
2	12.00	T THF	TECH A	310
3	03.00	M	TECH A	222
	03.00	T TH	TECH A	320
308	STRUCT- REAL NO SYS		03.0	CR
	PREREQ 3 QTR HRS COLLEGE MATH			
1	09.00	M W	NKRS A	156
	09.00	TH	NKRS C	118
2	10.00	M WTH	NKRS C	118
3	02.00	M W F	TECH A	308
4	04.00	M W F	TECH A	320
309	INTUITIVE GEOMETRY		03.0	CR
1	11.00	M W F	TECH A	408
2	01.00	T	TECH A	408
	01.00	W F	TECH A	320
311	TEACH SECONDRY MATH		04.0	CR
	PREREQ MATH 319, 335A			
1	10.00	M W F	TECH A	310
	09.00-10.50	T	TECH A	310
2	10.00	M W F	TECH A	310
	02.00-03.50	TH	TECH A	122
319	INTR-ABSTRACT ALG		03.0	CR
	PREREQ MATH 221 OR CONSENT OF DEPT			
1	09.00	M W F	TECH A	120
2	01.00	M WTH	NKRS C	118
321	ELEM MATRIX ALGEBRA		03.0	CR
	PREREQ MATH 140A OR 150A			
1	08.00	M WTH	TECH A	210
2	12.00	M W F	TECH A	320
3	01.00	MT TH	TECH A	320
4	02.00	TW F	TECH A	208
5	04.00	M W F	TECH A	222

325	INTRO-NUMBER THEORY	03.0 CR
	PREREQ MATH 221 OR 252A OR CONSENT OF DEPT	
1	11.00 M W F TECH A 410	
335A	CONCEPTS OF GEOM	03.0 CR
	PREREQ MATH 221 OR 252A OR CONSENT OF DEPT	
1	03.00 M WTH TECH A 322	
351	VECTOR ANALYSIS	03.0 CR
	PREREQ MATH 252B	
1	11.00 M W F NKRS A 156	
352	INTRO TO ANALYSIS	03.0 CR
	PREREQ MATH 221 & 252B OR CONSENT OF DEPT	
1	04.00 M W F NKRS A 160	
395	READINGS IN MATH	02.0 TO 12.0 CR
	PREREQ 4.0 GPA IN MAJ & CONSENT OF CHAIRMAN	
1	TO BE ARRANGED	
410A	STAT ANALYSIS	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 1118 OR CONSENT OF INSTR	
1	10.00 M W F TECH A 308	
	10.00-11.50 T TECH A 308	
421A	LINEAR ALGEBRA	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 221 AND 301 OR CONSENT OF DEPT	
1	11.00 M W F TECH A 120	
426A	INTRO MATH LOGIC	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 301 OR 319 OR 352 OR DEPT CONSENT	
1	01.00 M W F TECH A 422	
428	DISCRETE STRUCTURES	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 301 OR 319 OR CONSENT OF DEPT	
1	12.00 M W F NKRS A 160	
	CROSSLISTED WITH CS 442	
433A	INTRO TO TOPOLOGY	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 352 OR CONSENT OF DEPT	
1	03.00 M W F TECH A 320	
451	INTRO-THEORY-COMP	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 428 & EITHER 429 OR CONSENT OF INSTR	
1	10.00 M W F NKRS A 278	
	CROSSLISTED WITH CS 451	
452A	ADVANCED CALCULUS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 352 OR CONSENT OF INSTR	
1	09.00 MT F TECH A 422	
	09.00 TH TECH A 310	
455	COMPLEX VAR & APPL	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 252B	
1	12.00 T TH NKRS C 118	
	12.00 M F AG 150	
475A	NUMERICAL ANALY I	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CS 202, MATH 221, & MATH 305A	
1	03.00 M W F TECH A 120	
	CROSSLISTED WITH CS 464A	
480A	INTRO- PROBABILITY	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 252B	
1	10.00 M W F TECH A 120	
483A	INTRO TO STATISTICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 252B & 221 OR 321	
1	01.00 M W F TECH A 408	
495	SPECIAL TOPICS	01.0 TO 10.0 CR-(ELECTIVE PASS/FAIL)
	PREREQ CONSENT OF DEPT CHAIRMAN & INSTR	
1	TO BE ARRANGED	
501A	REAL ANALYSIS	03.0 CR
	PREREQ MATH 452C	
1	01.00 M W F 0834 114A	



502	ADV TOP ORD DIF EQ	03.0 CR
	PREREQ CONSENT OF INSTRUCTOR	
1	04.00 M W F	NKRS C 410
505A	TH ORDIN DIFF EQUAT	03.0 CR
	PREREQ MATH 501B AND 421A OR CONSENT OF INSTR	
1	09.00 M W F	TECH B 20
520A	MODERN ALGEBRA	03.0 CR
	PREREQ 419 OR CONSENT OF INSTRUCTOR	
1	02.00 M W F	NKRS A 458
522	ADV TOPICS-ALGEBRA	03.0 CR
	PREREQ MATH 520B	
1	02.00-03.50 T TH	NKRS A 278
528	AUTOMATA THEORY	03.0 CR
	PREREQ 451	
1	12.00 M W F	NKRS A 278
	CROSSLISTED WITH CS 551	
530A	GENERAL TOPOLOGY	03.0 CR
	PREREQ 433B OR CONSENT OF INSTRUCTOR	
1	03.00 M W F	NKRS A 458
550E	SEM IN MATH EDUC	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	01.00 T	NKRS C 410
2	01.00 TH	NKRS C 410
552	ADV TOPICS-ANALYSIS	03.0 CR
	PREREQ CONSENT OF DEPT	
1	09.00-10.50 T TH	TECH B 20
555A	COMPLEX ANALYSIS	03.0 CR
	PREREQ MATH 452C	
1	11.00 M W F	FANER 2204
581A	ADV PROB THEORY	03.0 CR
	PREREQ 501C OR CONSENT OF INSTR	
1	10.00 M W F	NKRS A 458
595A	SP PROJ ALGEBRA	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595B	SP PROJ GEOMETRY	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595C	SP PROJ ANALYSIS	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595D	SP PROJ PROB & STAT	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595E	SP PROJ MATH EDUC	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595F	SP PROJ LOGIC & FOU	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595G	SP PROJ TOPOLOGY	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595H	SP PROJ AP MATH	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595I	SP PROJ DIF EQUAT	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
595J	SP PROJ NUMBER THEO	01.0 TO 10.0 CR
	PREREQ CONSENT OF INSTR	
1	TO BE ARRANGED	
599	THESIS	01.0 TO 09.0 CR
1	TO BE ARRANGED	
600	DISSERTATION	01.0 TO 48.0 CR
1	TO BE ARRANGED	

**MEDP Medical Education Preparation**

- 400A MEDPREP SEMINAR 01.0 TO 03.0 CR  
PREREQ RESTR TO MEDPREP STUDENTS OR  
CONSENT OF INSTR
- 1 TO BE ARRANGED
- 401A MEDPREP TUTORIAL 01.0 TO 06.0 CR  
PREREQ RESTR TO MEDPREP STUDENTS
- 1 TO BE ARRANGED-CHEMISTRY  
2 TO BE ARRANGED-CHEMISTRY  
3 TO BE ARRANGED-PHYSICS  
4 TO BE ARRANGED-BIOLOGY  
5 TO BE ARRANGED-BIOLOGY  
6 TO BE ARRANGED-BIOLOGY  
7 TO BE ARRANGED-MATH  
8 TO BE ARRANGED
- 402A MEDPREP SPEC PROB 01.0 TO 02.0 CR  
PREREQ RESTR TO MEDPREP STUDENTS
- 1 TO BE ARRANGED

**MICR Microbiology**

- 301 PRIN-MICROBIOLOGY 05.0 CR -(ELECTIVE PASS/FAIL)  
PREREQ 1 YR OF COLLEGE CHEM AND GSA  
201A OR EQUIV
- 1 08.00 MTWTH LS I 133 SHECHMEISTER ISAAC L  
09.00-10.50 M W LS I 6  
08.00 F LS I 6
- 2 08.00 MTWTH LS I 133 SHECHMEISTER ISAAC L  
11.00-12.50 M W LS I 6  
09.00 F LS I 6
- 3 08.00 MTWTH LS I 133 SHECHMEISTER ISAAC L  
01.00-02.50 M W LS I 6  
12.00 F LS I 6
- 4 08.00 MTWTH LS I 133 SHECHMEISTER ISAAC L  
03.00-04.50 M W LS I 6  
03.00 F LS I 6
- 5 08.00 MTWTH LS I 133 SHECHMEISTER ISAAC L  
09.00-10.50 T TH LS I 6  
01.00 F LS I 6
- 390 UNDERGRAD RES PART 02.0 TO 05.0 CR  
PREREQ 4.00 GPA IN MICR AND CONSENT  
OF DEPARTMENT
- 1 12.00-01.50 M LS II 130 MCCLARY DAN O
- 403 MED BACTERIOLOG LEC 03.0 CR  
PREREQ MICR 302
- 1 02.00 MTW LS II 146 MCCLARY DAN O
- 404 MED BACTERIOLOG LAB 02.0 CR  
PREREQ PREVIOUS OR CONCURRENT ENROLL  
MENT IN MICR 403
- 1 10.00-11.50 M W LS II 113  
10.00 F LS II 113
- 2 12.00-01.50 M W LS II 113  
11.00 F LS II 113
- 425A BIOCHM&PHS MICR-LEC 03.0 CR -(ELECTIVE PASS/FAIL)  
PREREQ MICRO 301 & ORGANIC CHEM
- 1 09.00 M W F LS II 146 OGUR MAURICE
- 426A BIOCHM&PHS MICR-LAB 03.0 CR  
PREREQ MICR 425A OR CONCURRENT ENROLL
- 1 01.00-05.50 TH LS II 119  
2 01.00-05.50 F LS II 119  
3 01.00-05.50 W LS II 119
- 462 FUNGAL GENETICS LEC 03.0 CR  
PREREQ BIOL 305
- 1 08.00 T LS II 130 GILMORE RICHARD  
08.00-09.50 TH LS II 130 GILMORE RICHARD
- 463 FUNGAL GENETICS LAB 03.0 CR  
PREREQ CONSENT OF INSTR & MICR 462 OR  
CONCURRENT ENROLLMENT
- 1 TO BE ARRANGED
- 500 SEMINAR 01.0 CR  
PREREQ CONSENT OF INSTRUCTOR
- 1 10.00-11.50 F LS II 130

511	RESEARCH	01.0 TO 15.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	10.00-11.50	TH	LS II	130	
528	READINGS IN MICRO	01.0 TO 10.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	10.00-11.50	W	LS II	130	
541	ADVANCED VIROLOGY	06.0 CR			
	PREREQ	MICR 441			
1	10.00	MTW	LS II	130	ROUHANDEH HASSAN
	02.00-04.50	T TH	LS I	6	
599	THESIS	03.0 TO 09.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	12.00-01.50	T	LS II	130	
600	DISSERTATION	03.0 TO 48.0 CR			
	PREREQ	CONSENT OF INSTRUCTOR			
1	12.00-01.50	M	LS II	130	
<b>MKTG Marketing</b>					
300	INTERNSHIP IN MKTG	04.0 CR -(MANDATORY PASS/FAIL)			
	PREREQ	PRIOR APPROVAL OF DEPARTMENT			
1	TO BE ARRANGED				
	ABOVE SECT RESTR TO CONSENT OF DEPT				
301	MKTG FUNDAMENTALS	04.0 CR			
	PREREQ	ECON 214, ACCT 251A			
1	09.00	TWTHF	LS II	250	DANDURAND MARK A
2	10.00	T THF	0720	102	DANDURAND MARK A
	10.00	W	0720	109	
3	11.00	T TH	PULL	34	MOORE JAMES
	11.00	M W	H EC	208	
4	01.00-02.50	M W	AG	224	ADAMS KENDALL A
5	03.00-04.50	M W	AG	224	PERRY DONALD L
6	05.45-07.25	M W	LAWSON	131	PERRY DONALD L
303	BEHAVIOR SCI IN BUS	04.0 CR			
	PREREQ	GSB 201B,C, GSD 110 OR EQUIV			
		OR CONSENT OF INSTR			
1	10.00	MT THF	LAWSON	121	VICARS WILLIAM M
2	01.00	M	LAWSON	101	
	01.00	TWTH	LAWSON	221	
3	03.00	MTWTH	LAWSON	121	JAMES DONALD L
4	05.45-07.25	M W	LAWSON	101	
	CROSSLISTED WITH ADSC 303				
341	TRANSPORTATION	04.0 CR			
	PREREQ	ONE COURSE IN ECONOMIC PRINCIPLES			
1	01.00	TWTHF	COMM	1022	DANDURAND MARK A
363	PROMOTIONAL CONCEPT	04.0 CR			
	PREREQ	MKTG 301			
1	09.00	T TH	NKRS C	116	DREVS ROBERT
	09.00	W	FANER	1006	
	09.00	F	PULL	316	
2	02.00	MTWTH	CL	109	SCHLEEDE JOHN M
3	04.00	MTWTH	WHAM	228	SCHLEEDE JOHN M
390	MKTG RES & ANAL	04.0 CR			
	PREREQ	MKTG 301, ONE COURSE IN STATISTICS			
1	10.00-11.50	T TH	CL	24	SCHLEEDE JOHN
2	01.00-02.50	T TH	AG	224	DREUS ROBERT
3	03.00-04.50	T TH	WHAM	308	DOMMERMUTH WILLIAM
401	RETAIL MANAGEMENT	04.0 CR			
	PREREQ	301			
1	01.00-02.50	T TH	CL	328	JAMES DONALD L
438	SALES MANAGEMENT	04.0 CR			
	PREREQ	MKTG 363			
1	03.00-04.50	T TH	CL	24	LEGGETT JACK W
439	INDUSTRIAL MKTG	04.0 CR			
	PREREQ	MKTG 363			
1	09.00	MT TH	WHLR	214	ADAMS KENDALL
	09.00	W	H EC	104	ADAMS KENDALL
450	INRO TO MGR MKTG	04.0 CR			
	PREREQ	RESTRICTED TO GRADUATE STUDENTS			



1	TO BE ARRANGED				DOMMERMUTH WILLIAM P
493	MARKETING POLICIES		04.0 CR		
	PREREQ MKTG 363, 390, PLUS 4 HRS IN M				
	KTG				
1	03.00-04.50	M W	CL	326	ANDERSEN R CLIFTON

<b>MUS</b>	<b>Music</b>				
001A	MARCHING BAND		01.0 TO 02.0 CR		
1	03.15-04.45	T THF	ALTG	114	HANES MICHAEL D
	07.00-09.00 PM	M	ALTG	114	HANES MICHAEL D
001B	SYMPHONIC BAND		01.0 CR		
1	02.00	M W F	ALTG	114	KOENIGSTEIN NICHOLAS
001C	STAGE BAND		01.0 CR		
	PREREQ CONSENT OF INSTR				
1	07.00-09.00 PM	W	ALTG	114	FRANKLIN LAWRENCE L
2	07.00-09.00 PM	TH	ALTG	114	STIMAN
001E	WIND ENSEMBLE		01.0 CR		
	PREREQ AUDITION				
1	03.00-04.30	M W	ALTG	114	SIENER MELVIN L
002A	UNIVERSITY CHOIR		01.0 CR		
1	04.00-05.30	T TH	ALTG	115	KINGSBURY ROBERT W
002B	UNIVERSITY SINGERS		01.0 CR		
1	07.30-09.45 PM	M	H EC	140B	KINGSBURY ROBERT W
	ALSO MEETS IN ALTG 115 & 116				
002C	MALE GLEE CLUB		01.0 CR		
1	08.00-09.30 PM	T TH	ALTG	115	KINGSBURY ROBERT W
002D	WOMEN-CHORAL ENSEM		01.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	03.00	M W	ALTG	115	TAYLOR CHARLES C
	03.00	F	ALTG	116	TAYLOR CHARLES C
002F	SOUTHERN SINGERS		01.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	02.00-03.30	T TH	ALTG	115	KINGSBURY ROBERT W
002G	SIU CHORALE		01.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	04.00-05.30	M W	ALTG	115	PRESSLEY
003	ORCHESTRA		02.0 CR		
1	03.00-04.30	W	SHRY	111	STRAWN RICHARD G
2	03.00-04.30	F	ALTG	106	STROUD JAMES
3	07.00-09.45 PM	T	ALTG	114	STROUD JAMES H
010A	CLASS APP-STRINGS		01.0 CR		
	PREREQ CONC OR SEC CONC MUS,ELED,EARL				
	Y CHILDHOOD				
1	09.00	T TH	ALTG	301	POULOS HELEN E
	VIOLIN				
2	09.00	T TH	ALTG	114	STRAWN RICHARD G
	MIXED				
010B	CLASS APP-WOODWINDS		01.0 CR		
	PREREQ CONC OR SEC CONC MUS,ELED,EARL				
	Y CHILDHOOD				
1	08.00	T TH	0555	205	HUSSEY
	FLUTE				
2	08.00	T TH	ALTG	301	INTRAVIA
	CLAR				
3	08.00	T TH	0555	7	UNDERWOOD
	SAX				
010C	CLASS APP-BRASS		01.0 CR		
	PREREQ CONC OR SEC CONC MUS,ELED,EARL				
	Y CHILDHOOD				
1	10.00	T TH	ALTG	114	KOENIGSTEIN NICHOLAS
	MIXED				
2	10.00	T TH	0555	7	NADAF GEORGE
	HORN				
010E	CLASS APP-PIANO		01.0 CR		
	PREREQ CONC OR SEC CONC MUS,ELED,EARL				
	Y CHILDHOOD				
1	09.00	T F	0555	201	FRAZEE MARJORIE A
	KP2				
2	09.00	M TH	0555	201	FRAZEE MARJORIE A
	KP1				

3	10.00	T F	0555	201	FRAZEE MARJORIE A
KP3					
4	11.00	M TH	0555	201	FRAZEE MARJORIE A
KP1					
5	11.00	W F	0555	201	FRAZEE MARJORIE A
MM1					
6	12.00	M W	ALTG	301	FRAZEE MARJORIE A
MM4					
7	12.00	T TH	0555	201	FRAZEE MARJORIE A
MM1					
8	01.00	M W	0555	201	FRAZEE MARJORIE A
MM2					
9	01.00	T TH	ALTG	301	FRAZEE MARJORIE A
MM6					
10	02.00	T TH	0555	201	FRAZEE MARJORIE A
MM3					

MUS 010E Restr--See note below

010F	CLASS APP-VOICE		01.0 CR		
	PREREQ	CONC OR SEC CONC MUS,ELED,EARL			
		Y CHILDHOOD			
1	01.00	T TH	0555	7	PRESSLEY DAN NELSON
2	01.00	W F	0555	7	KAGEFF BURT KEITH
3	01.00	W F	ALTG	115	KAGEFF BURT KEITH
010G	CLASS APP-GUITAR		01.0 CR		
	PREREQ	CONC OR SEC CONC MUS,ELED,EARL			
		Y CHILDHOOD			
1	10.00	W F	0555	7	TRAFIDLO GREGORY T
2	12.00	M W	0555	7	TRAFIDLO GREGORY T
3	12.00	T TH	0555	7	TRAFIDLO GREGORY T

MUS 010G Restr--See note below

105A	THEORY OF MUSIC		04.0 CR		
	PREREQ	MUS 200 OR MUS READ FACILITY			
1	08.00	MTWTHF	ALTG	106	BATEMAN MARY ANN
2	08.00	MTWTHF	ALTG	116	MCWILLIAMS BERNARD H
3	09.00	MTWTHF	ALTG	116	WERNER WARREN KENT
4	09.00	MTWTHF	ALTG	106	GRIZZELL MARY JANE
105C	THEORY OF MUSIC		04.0 CR		
	PREREQ	MUS 105B			
1	09.00	MTWTHF	ALTG	248	HUSSEY

Students enrolling in MUS 010E, 010G, or the 140, 240, 340, 440, or 540 series must present a restricted class permit slip from the Music Advisor when registering. The "TO BE ARRANGED" meeting time of the MUS 140, 240, 340, 440, and 540 series refers to a half-hour individual lesson that each student will arrange with his instructor.

140A	PRIV APP MUS-VIOLIN		01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	10.00	M	ALTG	106	POULOS HELEN E
	ONE MEETING TBA				
2	10.00	M	ALTG	106	STRAWN RICHARD G
	ONE MEETING TBA				
140B	PRIV APP MUS-VIOLA		01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	10.00	M	ALTG	106	MCWILLIAMS BERNARD H
	ONE MEETING TBA				
140C	PRIV APP MUS-CELLO		01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	10.00	M	ALTG	106	STROUD JAMES H
	ONE MEETING TBA				
140D	PRIV APP MUS - BASS		01.0 TO 04.0 CR		
	PREREQ	MUS CONC OR SECONDARY CONC OR			
		CONSENT OF MUS FACULTY			
1	10.00	M	ALTG	106	BRANCH LONDON G
	ONE MEETING TBA				

140E	PRIV APP	MUS-FLUTE	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	0555	7	UNDERWOOD JERVIS	
	ONE MEETING TBA					
140F	PRIV APP	MUS-OBOE	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	0555	101	HUSSEY GEORGE	
	ONE MEETING TBA					
140G	PRIV APP	MUS-CLAR	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	ALTG	301	INTRAVAIA LAWRENCE J	
	ONE MEETING TBA					
2	10.00	M	0555	101	HUSSEY	
	ONE MEETING TBA					
140H	PRIV APP	MUS-BASSON	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	ALTG	301	INTRAVAIA LAWRENCE J	
	ONE MEETING TBA					
140I	PRIV APP	MUS-SAX	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	0555	101	HUSSEY	
	ONE MEETING TBA					
2	10.00	M	ALTG	301	INTRAVAIA LAWRENCE J	
	ONE MEETING TBA					
140J	PRIV APP	MUS-PERCUS	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	ALTG	114	HANES MICHAEL D	
	ONE MEETING TBA					
140K	PRIV APP	MUS-PIANO	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	ALTG	247	BARWICK STEVEN	
	ONE MEETING TBA					
2	10.00	M	0555	4	FRAZEE MARJORIE A	
	ONE MEETING TBA					
3	10.00	M	ALTG	245	GRIZZELL MARY JANE	
	ONE MEETING TBA					
4	10.00	M	ALTG	244	MUELLER ROBERT E	
	ONE MEETING TBA					
5	10.00	M	ALTG	238	WERNER WARREN KENT	
	ONE MEETING TBA					
6	10.00	M	ALTG	247		
	ONE MEETING TBA					
140L	PRIV APP	MUS-F HORN	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	ALTG	102	NADAF GEORGE	
	ONE MEETING TBA					
140M	PRIV APP	MUS-TRUMP	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	ALTG	116	FRANKLIN LAWRENCE L	
	ONE MEETING TBA					
140N	PRIV APP	MUS-TRBONE	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	ALTG	116	STIMAN HAROLD E	
	ONE MEETING TBA					
140O	PRIV APP	MUS-TUBA	01.0 TO 04.0 CR			
	PREREQ	MUS CONC OR SECONDARY CONC OR				
		CONSENT OF MUS FACULTY				
1	10.00	M	ALTG	116	STIMAN HAROLD E	
	ONE MEETING TBA					



140P	PRIV APP MUS-BATONE	01.0 TO 04.0 CR			
	PREREQ MUS CONC OR SECONDARY CONC OR				
	CONSENT OF MUS FACULTY				
1	10.00 M ALTG	116	STIMAN HAROLD E		
	ONE MEETING TBA				
140Q	PRIV APP MUS-VOICE	01.0 TO 04.0 CR			
	PREREQ MUS CONC OR SECONDARY CONC OR				
	CONSENT OF MUS FACULTY				
1	10.00 M ALTG	115	KAGEFF BURT KEITH		
	ONE MEETING TBA				
2	10.00 M ALTG	113	LAWRENCE MARJORIE		
	ONE MEETING TBA				
3	10.00 M ALTG	248	PRESSLEY DAN NELSON		
	ONE MEETING TBA				
4	10.00 M ALTG	246	WALLACE MARY ELAINE		
	ONE MEETING TBA				
5	10.00 M ALTG	115			
	ONE MEETING TBA				
140R	PRIV APP MUS-ORGAN	01.0 TO 04.0 CR			
	PREREQ MUS CONC OR SECONDARY CONC OR				
	CONSENT OF MUS FACULTY				
1	10.00 M SHRY	110	BATEMAN MARY ANN		
	ONE MEETING TBA				
140S	PRIV APP MUS-HARPCB	01.0 TO 04.0 CR			
	PREREQ MUS CONC OR SECONDARY CONC OR				
	CONSENT OF MUS FACULTY				
1	10.00 M 0415	105	BOE JOHN		
	ONE MEETING TBA				
200	FUNDAMENTALS-MUSIC	03.0 CR			
	PREREQ FOR NON-MUSIC MAJORS				
1	08.00 M W ALTG	248	PACE KAY		
	08.00 TH 0555	201	PACE KAY		
2	08.00 M W ALTG	248	PACE KAY		
	08.00 F 0555	201	PACE KAY		
3	10.00 W F ALTG	248	DAUGHERTY ELZA L		
	10.00 M 0555	201	DAUGHERTY ELZA L		
4	10.00 W F ALTG	248	DAUGHERTY ELZA L		
	10.00 TH 0555	201	DAUGHERTY ELZA L		
5	12.00 T TH ALTG	248	PACE KAY		
	12.00 M 0555	201	PACE KAY		
6	12.00 T TH ALTG	248	PACE KAY		
	12.00 F 0555	201	PACE KAY		
7	01.00 M W ALTG	248	TAYLOR CHARLES C		
	01.00 TH 0555	201	TAYLOR CHARLES C		
8	01.00 M W ALTG	248	TAYLOR CHARLES C		
	01.00 F 0555	201	TAYLOR CHARLES C		
9	02.00 T TH ALTG	248	DAUGHERTY ELZA		
	02.00 M 0555	201	DAUGHERTY ELZA		
10	02.00 T TH ALTG	248	DAUGHERTY ELZA		
	02.00 F 0555	201	DAUGHERTY ELZA		
11	03.00 M W ALTG	248	DAUGHERTY ELZA		
	03.00 T 0555	201	DAUGHERTY ELZA		
12	03.00 M W ALTG	248	DAUGHERTY ELZA		
	03.00 TH 0555	201	DAUGHERTY ELZA		
205A	THEORY OF MUSIC	04.0 CR			
	PREREQ MUS 105C				
1	11.00 MTWTHF ALTG	106	MUELLER ROBERT E		
2	11.00 MTWTHF ALTG	116	OLDFIELD WILLARD A		
3	11.00 MTWTHF ALTG	115	EDDINS JOHN M		
240	PRIV APP MUS	01.0 TO 04.0 CR			
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON				
	SAME INSTR OR CONSENT				

See MUS 140 for listing.

300B	EL METH-NON MAJ 4-6	03.0 CR			
	PREREQ MUS 200-3 OR EQUIV				
1	12.00 M W F ALTG	248	DAUGHERTY ELZA		
2	02.00 M W F ALTG	248	MCHUGH CATHERINE		

300C	EL METH-NON MAJ K-3	03.0 CR	
	PREREQ MUS 010E-3 OR EQUIV		
1	11.00 M W F ALTG	248	MCHUGH CATHERINE
302A	MUSIC IN SP E	03.0 CR	
	PREREQ MUS 200 OR EQUIV, NON-MUSIC		
	CONC ONLY		
1	01.00 T THF ALTG	248	MCHUGH CATHERINE
305I	INSTRUMENTAL PROB	03.0 CR	
1	12.00 M W F ALTG	106	KOENIGSTEIN NICHOLAS
309A	ARRANGING	02.0 CR	
	PREREQ 105C		
1	12.00 T TH ALTG	106	KOENIGSTEIN NICHOLAS
2	12.00 T TH ALTG	116	OLDFIELD ALAN
312	COMPOSITION	02.0 TO 06.0 CR	
	PREREQ MUS 105C AND CONSENT OF INSTR		
1	01.00 F 0555	203	OLDFIELD WILLARD A
	1 HR TBA		
2	01.00 F 0555	203	BOTTJE WILL G
	1 HR TBA		
318A	CONDUCTING	02.0 CR	
1	10.00 T TH ALTG	106	STRAWN RICHARD
2	10.00 W F ALTG	106	KOENIGSTEIN NICHOLAS
326A	ANALYSIS	02.0 CR	
	PREREQ 205C		
1	01.00 M W ALTG	106	MCWILLIAMS BERNARD
2	01.00 T TH ALTG	106	BOTTJE WILL G
340	PRIV APP MUS	01.0 TO 04.0 CR	
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON		
	SAME INSTR OR CONSENT		

See MUS 140 for listing.

341	ACCOMPANYING LAB	01.0 TO 06.0 CR	
1	11.00 M ALTG	301	PACE KAY
346	OPERA WORKSHOP	02.0 TO 36.0 CR	
1	03.00 T TH ALTG	116	LAWRENCE MARJORIE
	03.00-04.50 F ALTG	115	LAWRENCE MARJORIE
	07.00-10.00 PM WTH ALTG	116	LAWRENCE MARJORIE
357A	MUS HIST & LIT	03.0 CR	
	PREREQ MUS 105C, 106, AND JR STANDING		
1	10.00 TWTHF ALTG	116	POULOS HELEN E
357B	MUSIC HIST & LIT	03.0 CR	
	PREREQ MUS 105C, 106, AND JR STANDING		
1	02.00 MTWTH ALTG	116	UNDERWOOD JERVIS
365A	CHAMBER MUS-VOCAL	01.0 CR	
	PREREQ CONSENT OF INSTRUCTOR		
1	TO BE ARRANGED		KINGSBURY ROBERT W
2	TO BE ARRANGED		PRESSLEY DAN NELSON
365B	CHAMBER MUS-STRING	01.0 CR	
1	TO BE ARRANGED		STRAWN RICHARD G
365C	CHAMBER MUS-WOODWND	01.0 CR	
1	09.00 M W F 0555	7	UNDERWOOD JERVIS
365D	CHAMBER MUS-BRASS	01.0 CR	
1	10.00 W ALTG	114	FRANKLIN LARRY
	SMALL		
2	02.00 T TH ALTG	114	NADAF GEORGE
	LARGE		
365F	CHAMBER MUS-KEYBD	01.0 CR	
1	TO BE ARRANGED		GRIZZELL
370	AM FOLK MUSIC	03.0 CR	
1	09.00 M W F LAWSON	131	EDDINS JOHN
411C	CHAMBER MUSIC LIT	03.0 CR	
1	12.00 M W F ALTG	116	BARWICK
414	COLLEGIUM MUSICUM	02.0 TO 06.0 CR	
	PREREQ MUSIC CONCENTRATION AND/OR		
	CONSENT OF DEPARTMENT		
1	07.00-09.00 PM M 0415	105	BOE JOHN M
	TO BE ARRANGED		BOE JOHN M
440	PRIV APP MUS	01.0 TO 04.0 CR	
	PREREQ 3 QTRS AT PREVIOUS LEVEL ON		
	SAME INSTR OR CONSENT		

See MUS 140 for listing.

441A	COUNTERPOINT			02.0	CR	
	PREREQ	105C				
1	02.00		T TH	ALTG	106	WERNER WARREN KENT
2	02.00		M W	ALTG	106	BOTTJE WILL G
444	INTERMEDIATE COMP			02.0 TO 06.0	CR	
	PREREQ	312-6				
1	01.00		F	0555	203	OLDFIELD WILLARD A
	1 HR TBA					
2	01.00		F	0555	203	BOTTJE WILL G
	1 HR TBA					
447A	ELECTRONIC MUSIC			03.0	CR	
	PREREQ	GSA 361 OR MUS 499-3 OR CON SENT OF INSTR				
1	09.00		M W F	0555	202	BOTTJE WILL G
468	MUSIC PRODUCTIONS			02.0 TO 12.0	CR	
1	01.00		T TH	SHRY	110	WALLACE MARY ELAINE
481	READINGS IN THEORY			01.0 TO 06.0	CR	
1	TO BE ARRANGED					MUELLER ROBERT E
482	READ IN HIST & LIT			01.0 TO 06.0	CR	
1	TO BE ARRANGED					POULOS HELEN E
483	READ IN MUS EDUC			01.0 TO 06.0	CR	
1	TO BE ARRANGED					GORDON RODERICK D
499	INDEPENDENT STUDY			01.0 TO 12.0	CR	
	PREREQ	CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED					GORDON RODERICK D
2	TO BE ARRANGED					OLDFIELD ALAN
502A	ANALYTIC TECHNIQUES			02.0	CR	
1	12.00		T TH	ALTG	115	MUELLER ROBERT E
503	MUSIC ED RESEARCH			03.0	CR	
1	01.00		M W F	ALTG	116	GORDON RODERICK
505	BAROQUE MUSIC			03.0	CR	
1	10.00		T THF	ALTG	115	BOE JOHN
531	ADV COMPOSITION			02.0 TO 09.0	CR	
	PREREQ	444-6				
1	01.00		F	0555	203	OLDFIELD WILLARD A
	ONE ADDITIONAL HR TO BE ARRANGED					
2	01.00		F	0555	203	BOTTJE WILL G
	ONE ADDITIONAL HR TO BE ARRANGED					
540	PRIV APP MUS-VIOLIN			01.0 TO 04.0	CR	
	PREREQ	3 QTRS AT PREVIOUS LEVEL ON SAME INSTR OR CONSENT				

See MUS 140 for listing.

556	ADV CONDUCTING			02.0 TO 06.0	CR	
1	TO BE ARRANGED					SIENER MELVIN L
2	TO BE ARRANGED					KINGSBURY ROBERT
566	INST ENSEMBLE			01.0 TO 12.0	CR	
1	TO BE ARRANGED					SIENER MELVIN L
2	TO BE ARRANGED					STROUD JAMES H
567	VOCAL ENSEMBLE			01.0 TO 12.0	CR	
1	TO BE ARRANGED					KINGSBURY ROBERT W
568	OPERA WORKSHOP			02.0 TO 12.0	CR	
1	03.00		T TH	ALTG	116	LAWRENCE MARJORIE
	03.00-04.50		F	ALTG	115	LAWRENCE MARJORIE
	07.00-10.00 PM		WTH	ALTG	116	LAWRENCE MARJORIE
595	MUSIC DOCUMENT			01.0 TO 09.0	CR	
1	TO BE ARRANGED					GORDON RODERICK D
598	GRADUATE RECITAL			06.0	CR	
1	TO BE ARRANGED					GORDON RODERICK D
599	THESIS			03.0 TO 09.0	CR	
1	TO BE ARRANGED					GORDON RODERICK D

## OE Occupational Education

100	INTRO TO ENTERPRISE			04.0	CR	
1	01.00-02.50		M W	TECH D	130	NYSTROM DENNIS C
201A	COMMUNICATIONS			04.0	CR	-(ELECTIVE PASS/FAIL)
1	10.00		M W	PULL I	148	HUCK JOHN F
	08.00-09.50		T	PULL I	148	



207	ENER CONVERSION SYS	04.0 CR	-(ELECTIVE PASS/FAIL)
1	11.00 M W	TECH D 130	SULLIVAN JAMES A
	08.00-09.50 T	TECH D 122	
302	CONSTR MTDS PRI TCH	04.0 CR	
1	08.00-10.50 M W	PULL I 14	
	10.00 T	PULL I 14	
2	08.00-10.50 T TH	PULL I 14	JENKINS JAMES JR
	10.00 W	PULL I 14	
303	DIVERSIFIED CRAFTS	04.0 CR	
1	01.00-03.50 M W	PULL I 14	JENKINS JAMES JR
	03.00 T	PULL I 14	JENKINS JAMES JR
2	01.00-03.50 T TH	PULL I 14	JENKINS JAMES JR
	03.00 W	PULL I 14	JENKINS JAMES JR
319	OCCUPAT INTERNSHIP	03.0 TO 24.0 CR	
1	TO BE ARRANGED		BITTLE RAYMOND E
2	TO BE ARRANGED		BITTLE RAYMOND E
3	TO BE ARRANGED		BITTLE RAYMOND E
4	TO BE ARRANGED		BUILA THEODORE
5	TO BE ARRANGED		BUILA THEODORE
419	STU TCH IN OCC PROG	04.0 TO 16.0 CR	
	PREREQ OE 319-12, 490		
1	TO BE ARRANGED		HUCK JOHN F
420A	ENTRPRS-MAN-MACH SY	04.0 CR	
	PREREQ 20 HRS IN OE		
1	04.00 M W	PULL 14	BORTZ RICHARD F
	03.00-04.50 F	PULL 14	
425	PRACTICUM	02.0 TO 12.0 CR	
	PREREQ 20 HRS IN SPECIALTY		
1	TO BE ARRANGED		BITTLE RAYMOND E
430	SPECIAL PROBLEMS	02.0 TO 08.0 CR	
	PREREQ CONSENT OF INSTR AND CO-ORDINATOR		
1	TO BE ARRANGED		BAILEY LARRY J
485	PRIN-PHIL VO TEC ED	03.0 CR	
1	09.00-11.30 S	TECH A 221	RAMP WAYNE S
	CROSSLISTED WITH AG I, SEC 485		
2	06.00-08.30 PM M	TECH A 208	
488	ANAL FOR OCCUP ED	03.0 CR	
	PREREQ 12 HRS IN TEACHING SPECIALITY		
1	11.00 M W F	TECH A 220	BUILA THEODORE
2	06.00-08.30 PM W	TECH A 221	BUILA THEODORE
489	ORG OF SUBJ MATTER	03.0 CR	
	PREREQ OE 488		
1	12.00 MTW	TECH A 208	WEISMAN LAWRENCE
2	06.00-08.30 PM TH	TECH A 221	SULLIVAN JAMES A
490	PRIN OCCUP TEACH	03.0 CR	
	PREREQ 12 HRS IN TEACHING SPECIALITY		
1	10.00 M W F	TECH D 130	ROSENBERGER MAXINE
2	06.00-08.30 PM T	TECH D 130	ROSENBERGER MAXINE
493	AV MEDIA FOR OCC ED	03.0 CR	
1	06.00-08.30 PM M	TECH D 130	SHIELDS BILL J
2	06.00-08.30 PM TH	TECH D 130	SHIELDS BILL J
505	AD & SUPERVIS OC ED	04.0 CR	
1	06.00-09.00 PM T	TECH A 322	BITTLE RAYMOND E
540	RES IN OCC ED	04.0 CR	
1	06.00-09.00 PM W	TECH D 130	ERICKSON JOHN H
550	COLL TEACH OF OE	04.0 CR	
1	06.00-09.00 PM M	TECH A 122	ERICKSON JOHN H
570	SPECIAL INVESTIGAT	02.0 TO 06.0 CR	
1	TO BE ARRANGED		BAILEY LARRY J
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		BAILEY LARRY J

### PEM Physical Education for Men

See GSE for elective Physical Education courses.

100B	M TEACH GOLF	01.0 CR	
1*	08.00-09.30 T TH	ARENA 555	HOLDER LYNN C
	PEM 100B MEETS FIRST 8 WKS ONLY		
100C	M TEACH TENNIS	01.0 CR	
1*	08.00-09.30 M W	TENNIS 100	GOOD LARRY
	PEM 100C MEETS FIRST 8 WKS ONLY		

100D	M TCH IND-TEAM ACT		01.0	CR	
1*	01.00-02.30	M W	ARENA	555	ELLIS WALTER T
	PEM 100D MEETS FIRST 8 WKS ONLY				
100F	M TEACH EXERCISE		02.0	CR	
1	02.00	M W	ARENA	555	GOOD LARRY
	02.00	F	ARENA	123	
100G	M TEACH FOOTBALL		02.0	CR	
1*	09.00	MTW	ARENA	555	TOWERS RICHARD
	09.00	TH	TECH A	320	
	PEM 100G MEETS FIRST 8 WKS ONLY				
100H	M TEACH BASKETBALL		02.0	CR	
1	11.00	MTW	ARENA	555	DUTLER
	11.00	F	ARENA	123	
100J	M TEACH TRACK-FIELD		02.0	CR	
1	11.00-12.50	W	ARENA	555	HARTZOG LEWIS B
	11.00-12.50	M	ARENA	125	
100K	M TEACH GYMNASTICS		02.0	CR	
1	09.00	MTWTH	ARENA	555	MEADE WILLIAM T
100M	M TEACH WRESTLING		02.0	CR	
1	10.00	M WTH	ARENA	555	LONG LINN L
	10.00	F	ARENA	123	LONG LINN L
170	VARSITY FOOTBALL		02.0	CR	
1	03.00	MTWTHF	ARENA	555	TOWERS RICHARD E
178	VARSITY CROSS COUNT		02.0	CR	
1	03.00-04.50	MTWTHF	ARENA	555	HARTZOG LEWIS B
201	ORIENT-PRACT P E		02.0	CR	
	PREREQ ADMISSION INTO TEACHER ED PROG				
1	09.00	M	ARENA	123	ACKERMAN KENNETH
	08.00-09.50	W	TECH A	405A	
	RESTRICTED TO CONSENT OF INSTR				
220	REC ACT OUTDOOR		01.0	CR	
1	12.00	M WTH	ARENA	123	ELLIS WALTER
	MEETS FIRST 8 WKS ONLY				
221	REC ACT INDOOR		01.0	CR	
1	12.00	T F	ARENA	555	ELLIS WALTER
230A	BEGIN TECH BALLET		02.0	CR	
1	09.00	MTWTH	GYM	206	
2	02.00-03.30	MTWTH	GYM	206	
	CROSSLISTED WITH PEW AND THEA 230A				
230B	INTERMED&ADV BALLET		02.0 TO 22.0	CR	
	PREREQ PEM 230A OR CONSENT OF INSTR				
1	03.00-04.30	MTWTH	GYM	206	
	CROSSLISTED WITH PEW AND THEA 230B				
303A	KINESIOLOGY		03.0	CR	
	PREREQ GSA 209, PHSL 300				
1	11.00	T TH	ARENA	125	GOOD LARRY
	11.00-12.50	M	TECH A	405A	GOOD LARRY
2	11.00	T TH	ARENA	125	GOOD LARRY
	11.00-12.50	F	TECH A	405A	GOOD LARRY
305	PE-ATYPICAL STUDENT		03.0	CR	
	PREREQ PHSL 300				
1	10.00	M W	ARENA	125	GREENE NORMAN C
	TO BE ARRANGED				
	ADDITIONAL HR TBA				
320	PHSL MUSCULAR ACT		04.0	CR	
	PREREQ GSA 301				
1	02.00	M WTH	ARENA	125	ACKERMAN KENNETH J
	01.00-02.50	T	TECH A	405A	ACKERMAN KENNETH J
330A	TH BASKETBALL COACH		02.0	CR	
	PREREQ 100H OR PROFICIENCY				
1	09.00	M W	ARENA	125	LAMBERT PAUL
331A	TH SWIMMING COACH		02.0	CR	
	PREREQ 100A OR PROFICIENCY				
1	11.00	M W	ARENA	123	ESSICK RAY
341	PRIN OF P E		03.0	CR	
	PREREQ PEM 303B, 320				
1	01.00	M W F	ARENA	125	SHEA EDWARD J
345A	OFFIC FALL SPTS		01.0	CR	
1	09.00	TH	ARENA	125	WILKINSON JAMES
345B	OFFIC WINTER SPTS		01.0	CR	
1	10.00	TH	ARENA	125	WILKINSON JAMES

350	M-M TEACH PE EL SCH	03.0	CR		
1	08.00 MTWTH	ARENA	125	FRANKLIN CECIL C	
354	ORG-ADM PHY ED-ATHL	03.0	CR		
1	09.00 T	ARENA	125	STOTLAR JOHN	
	09.00-10.50 F	ARENA	125		
355A	ASSISTING TECHNIQUE	02.0	CR		
	PREREQ JR YR & CONSENT OF INSTR				
1	08.00 F	ARENA	125	WILKINSON JAMES J	
	ADDITIONAL MEETING TBA				
370	TESTS MEAS PHY ED	04.0	CR		
1	12.00 TWTHF	ARENA	125	FRANKLIN C	
400	EVALUATION IN P E	04.0	CR		
1	03.00 MTWTH	GYM	204	WEST CHARLOTTE	
	CROSSLISTED WITH PEW 400				
402	O-A INTRA & EX ACT	04.0	CR		
1	06.30-09.50 PM W	ARENA	125	WILKINSON JAMES J	
	CROSSLISTED WITH PEW 402				
403	ACTIV-SPECIAL STU	04.0	CR		
1	04.00 MTWTH	GYM	204	POTTER M	
420	EFFECTS MOTOR ACTIV	04.0	CR		
	PREREQ GSA 209				
1	06.30-09.50 PM T	ARENA	125	KNOWLTON RONALD G	
	CROSSLISTED WITH PEW 420				
475A	IND RES-DANCE	02.0 TO 04.0	CR		
1	TO BE ARRANGED			WEST CHARLOTTE	
475B	IND RES-KINESIOLOGY	02.0 TO 04.0	CR		
1	TO BE ARRANGED			THORPE JOANNE LEE	
475C	IND RES-MEASUREMENT	02.0 TO 04.0	CR		
1	TO BE ARRANGED			WEST CHARLOTTE	
475D	IND RES-MOTOR DEVEL	02.0 TO 04.0	CR		
1	TO BE ARRANGED			POTTER MARJORIE BOND	
475E	IND RES-PHSL OF EX	02.0 TO 04.0	CR		
1	TO BE ARRANGED			KNOWLTON RONALD G	
475F	IND RES-HIST & PHIL	02.0 TO 04.0	CR		
1	TO BE ARRANGED				
504	RESEARCH PROJECTS	04.0	CR		
	PREREQ 500 OR EQUIV				
1	TO BE ARRANGED			SHEA EDWARD J	
510	MOTOR DEVELOPMENT	04.0	CR		
1	07.00-09.30 PM M	H EC	118	POTTER M	
525	READING IN P E	01.0 TO 06.0	CR		
1	TO BE ARRANGED			SHEA EDWARD J	
	CROSSLISTED WITH PEW 525				
599	THESIS	01.0 TO 09.0	CR		
	PREREQ PEM 500 OR EQUIV				
1	TO BE ARRANGED			SHEA EDWARD J	
	CROSSLISTED WITH PEW 599				
600	DISSERTATION	02.0 TO 48.0	CR		
	PREREQ PEM 500 OR EQUIV				
1	TO BE ARRANGED			KNOWLTON RONALD G	
	CROSSLISTED WITH PEW 600				

### PEW Physical Education for Women

See GSE for elective Physical Education courses.

115D	EXERCISE FOR FITNES	01.0	CR		
1	08.00 M W F	GYM	207	BLACKMAN CLAUDIA JO	
115E	FIELD HOCKEY	01.0	CR		
1	12.00-01.50 T TH	GYM	208		
	ABOVE SECTION MEETS FIRST 8 WKS				
115F	ACTIVITY-FOLK DANCE	01.0	CR		
1	09.00 M W F	GYM	114	STEHR JEAN	
115I	SOCCER - SPEEDBALL	01.0	CR		
1	12.00-01.50 M W	GYM	208		
	ABOVE SECTION MEETS FIRST 8 WKS				
210	MOTOR LEARNING	02.0	CR		
	PREREQ SOPH STANDING				
1	08.00 T TH	GYM	204	ZIMMERMAN HELEN	
213	STAGE MOVEMENT	03.0	CR		
1	12.00 MTWTHF	PULL	42		
	CROSSLISTED WITH THEA 213				



230A	BEGIN TECH BALLET	02.0	CR	
1	09.00-10.30 MTWTHF GYM	206		
	CROSSLISTED WITH THEA AND PEM 230A			
2	02.00-03.30 MTWTH GYM	206		LOGAN MOIRA J
230B	INTERMED&ADV BALLET	02.0 TO 22.0	CR	
	PREREQ PEW 230A AND CONSENT OF INSTR			
1	03.00-04.30 MTWTH GYM	206		LOGAN MOIRA J
	CROSSLISTED WITH THEA AND PEM 230A			
240	THEO-TECH CONT DNCE	02.0 TO 24.0	CR	
	PREREQ GSE 113D OR PEW 115H			
1	10.00-11.30 TWTHF PULL	42		GORDON LONNY J
	CROSSLISTED WITH THEA 240			
302	TEACHING PRACTICUM	01.0	CR	-(MANDATORY PASS/FAIL)
	PREREQ CONSENT OF DEPT & JR STANDING			
1	TO BE ARRANGED			BLACKMAN CLAUDIA JO
304A	METHOD-TEACH SPORTS	02.0	CR	
	PREREQ PEW 115I AND 210			
1	09.00-10.50 T TH GYM	207		THORPE JOANNE LEE
	ABOVE SECT MEETS FIRST 8 WKS			
304B	METHOD-TEACH SPORTS	02.0	CR	
	PREREQ PEW 115E AND 210			
1	09.00-10.50 W F GYM	207		ILLNER JULEE
	ABOVE SECT MEETS FIRST 8 WKS			
312	HIST PHIL OF DANCE	04.0	CR	
	PREREQ GSE 113D, PEW 115H, OR PEW 240			
1	01.00 MTWTH GYM	204		GORDON LONNY J
319	TCHG ELEM SCH ACT	04.0	CR	
	PREREQ PSYC 301 OR GUID 305			
1	08.00 MTWTH GYM	208		
2	09.00 MTWTH GYM	208		
	SECT 2 RESTR TO EARLY CHILD MAJORS			
3	09.00 TWTHF PULL	102		
4	10.00 TWTHF PULL	102		
5	11.00 MTWTHF PULL	102		
	SECT 5 RESTR TO SP E MAJORS			
6	12.00 MTWTH GYM	207		
7	01.00 MTWTH GYM	207		
8	02.00 MTWTH GYM	207		
9	03.00 MTWTH GYM	208		
10	04.00-05.50 T TH GYM	208		
352	HISTORY OF PHYS ED	02.0	CR	
1	02.00 M W GYM	204		DAVIES DOROTHY R
354	PRIN & PHIL OF PE	02.0	CR	
1	02.00 T TH GYM	204		
370	TESTS MEAS PHY ED	04.0	CR	
	PREREQ JUNIOR STANDING			
1	03.00 MTWTH GYM	204		WEST CHARLOTTE
400	EVALUATION IN PE	04.0	CR	
1	03.00 MTWTH GYM	204		WEST CHARLOTTE
	CROSSLISTED WITH PEM 400			
402	O-A INTRA & EX ACT	04.0	CR	
1	06.30-09.50 PM W ARENA	125		WILKINSON JAMES J
	CROSSLISTED WITH PEM 402			
403	ACTIV-SPECIAL STU	04.0	CR	
1	04.00 MTWTH GYM	204		POTTER MAJORIE BOND
420	EFFECTS MOTOR ACTIV	04.0	CR	
	PREREQ GSA 301			
1	07.00-09.30 PM T ARENA	125		KNOWLTON RONALD G
	CROSSLISTED WITH PEM 420			
475A	IND RES-DANCE	02.0 TO 04.0	CR	
1	TO BE ARRANGED			WEST CHARLOTTE
475B	IND RES-KINESIOLOGY	02.0 TO 04.0	CR	
1	TO BE ARRANGED			THORPE JOANNE LEE
475C	IND RES-MEASUREMENT	02.0 TO 04.0	CR	
1	TO BE ARRANGED			WEST CHARLOTTE
475D	IND RES-MOTOR DEVEL	02.0 TO 04.0	CR	
1	TO BE ARRANGED			POTTER MARJORIE BOND
475E	IND RES-PHSL OF EX	02.0 TO 04.0	CR	
1	TO BE ARRANGED			KNOWLTON RONALD G
475F	IND RES-HIST & PHIL	02.0 TO 04.0	CR	
1	TO BE ARRANGED			

510 MOTOR DEVELOPMENT 04.0 CR  
 1 07.00-09.50 PM M H EC 118 POTTER MARJORIE BOND  
 CROSSLISTED WITH PEM 510  
 525 READINGS 01.0 TO 06.0 CR  
 PREREQ CONSENT OF INSTR AND DEPT  
 CHAIRMAN  
 1 TO BE ARRANGED  
 599 THESIS 01.0 TO 09.0 CR  
 PREREQ PEW 500 OR EQUIV  
 1 TO BE ARRANGED  
 600 DISSERTATION 02.0 TO 48.0 CR  
 PREREQ PEW 500 OR EQUIV  
 1 TO BE ARRANGED THORPE JOANNE LEE

**PHIL Philosophy**

200 TYPES OF PHIL 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 11.00 MT TH WHAM 303 AUDI MICHAEL N  
 11.00 W WHAM 307 AUDI MICHAEL N  
 211A ORIENTAL HUMANITIES 03.0 CR -(ELECTIVE PASS/FAIL)  
 1 02.00 M W F FANER 1005  
 300 ELEM METAPHYSICS 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 01.00 MTWTH FANER 1005 KELLEY MATTHEW  
 305 19TH CENTURY PHIL 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSC 383 OR CONSENT OF DEPT  
 1 02.00 MTWTH FANER 1004 MIJUSKOVIC BEN L  
 310 REL FOUN- WEST CIV 03.0 CR -(ELECTIVE PASS/FAIL)  
 1 02.00 W F LAWSON 161  
 09.00 TH FANER 1032  
 2 02.00 W F LAWSON 161  
 03.00-03.00 W FANER 1024  
 3 02.00 W F LAWSON 161  
 01.00 F FANER 1024  
 4 02.00 W F LAWSON 161  
 01.00 TH FANER 1004  
 320 DEDUCTIVE LOGIC 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 02.00 MTWTH LS II 450 CLARKE DAVID S  
 355 PHILOSOPHY OF EDUC 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 09.00 MTWTH FANER 1004 TENNY CHARLES  
 CROSSLISTED WITH EDAF 355  
 381 GREEK PHILOSOPHY 03.0 CR -(ELECTIVE PASS/FAIL)  
 1 09.00 M W H EC 102 HOWIE JOHN  
 09.00 F H EC 104 HOWIE JOHN  
 2 11.00 M W F H EC 201 EAMES E R  
 3 01.00 M W F H EC 118 DIEFENBECK JAMES A  
 389 EXISTENTIAL PHIL 03.0 CR -(ELECTIVE PASS/FAIL)  
 1 09.00 M W F FANER 1005 GILLAN GARTH  
 415 LOGIC OF SOCIAL SCI 03.0 CR -(ELECTIVE PASS/FAIL)  
 1 11.00 M W F FANER 1004 MCCLURE GEORGE T  
 443 PHIL OF HISTORY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF INS  
 1 03.00 MTWTH H EC 208 DIEFENBECK JAMES A  
 471A CLASSIC GRK PHIL 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSC 381 OR CONSENT OF DEPT  
 1 09.00 MTWTH H EC 3 PLOCHMANN G K  
 472B 17TH CENTURY PHIL 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSC 383 OR CONSENT OF DEPT  
 1 02.00 MTWTH H EC 202 AUDI MICHAEL N  
 TOPIC-LOCKE  
 473A 18TH CENTURY PHIL 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSC 383 OR CONSENT OF DEPT  
 1 12.00 MTWTH WHAM 301B MIJUSKOVIC BEN L  
 477 LATIN AM PHILOSOPHY 04.0 CR -(ELECTIVE PASS/FAIL)  
 1 07.00-09.30 PM W H EC 118 FRONDIZI RISIERI  
 490 SPECIAL PROBLEMS 02.0 TO 12.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF INST REQ IN ALL  
 CASES  
 1 TO BE ARRANGED HAHN LEWIS EDWIN  
 497A HONORS 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ QUALIFICATION FOR HONORS  
 1 04.00-06.30 W H EC 122

500	METAPHYSICS			04.0 CR	
1	04.00-06.30	W	FANER 3071	HAHN LEWIS E	
511	CHINESE PHILOSOPHY		04.0 CR		
1	03.00-05.30	F	FANER 3071	LIU SHU-HSIEN	
524	ANALYTIC PHIL		04.0 CR		
1	04.00-06.30	T	FANER 3012	EAMES E R	
545	ETHICS		04.0 CR		
1	07.00-09.30 PM	M	FANER 3012	EAMES S M	
550	THEORY OF VALUE		04.0 CR		
1	07.00-09.30 PM	T	FANER 3071	FRONDIZI RISIERI	
572	20TH CENTURY PHIL		04.0 CR		
1	07.00-09.30 PM	M	FANER 3071	SCHILPP PAUL A	
575A	PHENOMEN&EXIST PHIL		04.0 CR		
1	04.00-06.30	M	FANER 3071	GILLAN GARTH J	
582	ARISTOTLE		04.0 CR		
1	07.00-09.30 PM	W	FANER 3012	PLOCHMANN G K	
590	GEN GRAD SEMINAR	02.0 TO 16.0 CR			
1	TO BE ARRANGED			HAHN LEWIS EDWIN	
2	04.00-06.30	W	H EC 202	CLARKE DAVID S	
	ABOVE SEC-4CR-TOPIC: LANG & PHIL METHOD				
591	READINGS IN PHIL	01.0 TO 05.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED			HAHN LEWIS EDWIN	
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED			HAHN LEWIS EDWIN	
600	DISSERTATION	03.0 TO 48.0 CR			
1	TO BE ARRANGED			HAHN LEWIS EDWIN	
<b>PHSL Physiology</b>					
300	HUMAN ANATOMY		04.0 CR		
1	11.00	MTWTH	LS I 16	FOOTE FLORENCE	
2	01.00	MTWTH	LS I 16		
410A	ADVANCED ANATOMY		05.0 CR		
	PREREQ CONSENT OF INSTR				
1	02.00-03.50	TWTHF	LS I 130	FOOTE FLORENCE	
415A	EXP ANIMAL SURGERY		03.0 CR		
1	10.00	M W	LS I 118	KAPLAN HAROLD M	
	10.00-11.50	TH	LS I 118		
430A	CELLULAR PHYSIOLOGY		03.0 CR		
1	11.00	M W F	LS II 146	DUNAGAN TOMMY TOLSON	
433	COMPAR PHYSIOLOGY		04.0 CR		
1	01.00	M W F	LS II 146	MILLER DONALD M	
	02.00-03.50	M	LS I 103		
450	SPECIAL PROBLEMS	01.0 TO 16.0 CR			
	PREREQ CONSENT OF DEPARTMENT				
1	TO BE ARRANGED				
460A	MAMMALIAN PHSL		05.0 CR		
1	08.00	M W F	LS I 113	KAPLAN HAROLD M	
	08.00-09.50	T TH	LS I 113		
2	08.00	M W F	LS I 113	KAPLAN HAROLD M	
	09.00-10.50	M W	LS I 113		
500	ADV SEM IN PHSL		01.0 CR		
1	04.00	W	LS II 146		
519	ADV ENDOCRINOLOGY		04.0 CR		
	PREREQ STRONG BACKGROUND IN BIOL AND CHEM				
1	08.00	M W	LS II 146	GASS GEORGE HIRAM	
	10.00-11.50	T	LS II 158		
2	08.00	M W	LS II 146	GASS GEORGE	
	ADDITIONAL HOUR TBA INLS II 158				
520	PHSL TECHNIQUES		03.0 CR		
	PREREQ GRAD STAND IN PHSL OR RELATED SCIENCE				
1	01.00	T TH	LS II 158	WARNER ALEX	
	01.00-02.50	F	LS II 158		
521	READ OR SP PROBS	01.0 TO 04.0 CR			
1	TO BE ARRANGED				
599	THESIS RESEARCH	01.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DOCTORAL DISS RES	01.0 TO 48.0 CR			
1	TO BE ARRANGED				



**PHYS Physics and Astronomy**

111A	COLLEGE PHYS-HONORS					03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	ADV STANDING IN MATH 111A AND				
		CONSENT OF DEPT				
1	02.00	TWTH	PARK	308	ZIMMERMAN J R	
	02.00	F	PARK	308	WALKER RONALD E	
2	02.00	TWTH	PARK	308	ZIMMERMAN J R	
	02.00	M	PARK	308	WALKER RONALD E	
112A	COLLEGE PHYS LAB					01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	CONCURRENT ENR IN PHYS 111				
1	11.00-01.50	M	NKRS C	403	HIGHTOWER KENNETH R	
2	06.00-08.50 PM	M	NKRS C	403	HIGHTOWER KENNETH R	
206A	COLLEGE PHYSICS					03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	MATH 111B				
1	08.00	M W F	PARK	308	CUTNELL JOHN D	
	08.00	T	PARK	308	CUTNELL JOHN D	
2	08.00	M W F	PARK	308	CUTNELL JOHN D	
	08.00	TH	PARK	308	GUTIERREZ PETER L	
3	11.00	M W F	PARK	308	GRUBER BRUNO J	
	11.00	T	PARK	308		
4	11.00	M W F	PARK	308	GRUBER BRUNO J	
	11.00	TH	PARK	308	MATSUURA SHOJIRO	
5	01.00	M W F	PARK	308	JOHNSON KENNETH W	
	01.00	T	PARK	308	VERMANI SATYENDRA K	
6	01.00	M W F	PARK	308	JOHNSON KENNETH W	
	01.00	TH	PARK	308	VENABLE C WILLIAM	
7	03.00	M W F	PARK	308	SAPOROSCHENKO MYKOLA	
	03.00	T	PARK	308	SAPOROSCHENKO MYKOLA	
8	03.00	M W F	PARK	308	SAPOROSCHENKO MYKOLA	
	03.00	TH	PARK	308	KANELLOPOULOS C D	
9	06.00-07.25 PM	M W	PARK	308	HIGHTOWER KENNETH R	
	06.00	PM T	PARK	309		
206B	COLLEGE PHYSICS					03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	PHYS 206A				
1	10.00	M W F	PARK	309	BOSE SUBIR K	
	10.00	T	PARK	309	BOSE SUBIR K	
2	10.00	M W F	PARK	309	BOSE SUBIR K	
	10.00	TH	PARK	309	BOSE SUBIR K	
3	03.00	M W F	PARK	309	GRUBER BRUNO J	
	03.00	T	PARK	309	GRUBER BRUNO J	
4	03.00	M WTHF	PARK	309	GRUBER BRUNO J	
206C	COLLEGE PHYSICS					03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	PHYS 206A				
1	09.00	M W F	PARK	309	NICKELL WM E	
	09.00	T	PARK	309	HIGHTOWER KENNETH R	
2	09.00	M W F	PARK	309	NICKELL WM E	
	09.00	TH	PARK	309	HIGHTOWER KENNETH R	
3	12.00	M WTHF	PARK	309	SAPOROSCHENKO MYKOLA	
207A	COLLEGE PHYS LAB					01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	CONCURRENT ENR IN PHYS 206				
1	08.00-10.50	TH	NKRS C	403	LAU RICHARD A	
2	08.00-10.50	T	NKRS C	403	LAU RICHARD A	
3	08.00-10.50	W	NKRS C	403	WALKER RONALD E	
4	11.00-01.50	T	NKRS C	403	SAMUEL M THOMAS	
5	11.00-01.50	TH	NKRS C	403	KANELLOPOULOS C D	
6	02.00-04.50	TH	NKRS C	403	HO FAT DUEN	
7	02.00-04.50	F	NKRS C	403	LAU RICHARD A	
8	06.00-08.50 PM	TH	NKRS C	403	BRINK MARCIA B	
9	06.00-08.50 PM	T	NKRS C	403	GUTIERREZ PETER L	
207B	COLLEGE PHYS LAB					01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	CONCURRENT ENR IN PHYS 206				
1	11.00-01.50	TH	NKRS C	405	ASSAADI KHALIL ALI	
2	11.00-01.50	T	NKRS C	405	WATSON PHILLIP C	
3	02.00-04.50	TH	NKRS C	405	WATSON PHILLIP C	
4	02.00-04.50	T	NKRS C	405	VERMANI SATYENDRA K	
207C	COLLEGE PHYS LAB					01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ	CONCURRENT ENR IN PHYS 206				
1	09.00-11.50	TH	NKRS C	407	MIAN S N	
2	02.00-04.50	T	NKRS C	407	SOMOLINOS ALFREDO S	
3	03.00-05.50	TH	NKRS C	407	MIAN S N	

211A	UNIVERSITY PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 150B OR CONC ENROLLMENT	
1	09.00 M W F PARK 308 ZITTER ROBERT N	
	09.00 T PARK 308 ZITTER ROBERT N	
2	09.00 M W F PARK 308 ZITTER ROBERT N	
	09.00 TH PARK 308 BEERS BRIAN L	
3	10.00 M W F PARK 308 SCHLECHT RICHARD G	
	10.00 TH PARK 308 WATSON PHILIP C	
4	10.00 M W F PARK 308 SCHLECHT RICHARD G	
	10.00 T PARK 308 SCHLECHT RICHARD G	
5	12.00 M W F PARK 308 HENNEBERGER W C	
	12.00 TH PARK 308 HENNEBERGER W C	
6	06.00-07.25 PM T TH PARK 308 NICKLE HARRY H	
	06.00 PM W PARK 309	
211B	UNIVERSITY PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 211A	
1	08.00 M W F PARK 309 WATSON RICHARD ELVIS	
	08.00 T PARK 309 WATSON RICHARD ELVIS	
2	08.00 M W F PARK 309 WATSON RICHARD ELVIS	
	08.00 TH PARK 309 WATSON RICHARD ELVIS	
211C	UNIVERSITY PHYSICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 211A	
1	01.00 M W F PARK 309 SCHLECHT RICHARD G	
	01.00 T PARK 309	
2	01.00 M W F PARK 309 SCHLECHT RICHARD G	
	01.00 TH PARK 309	
212A	UNIVERSITY PHYS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENRL IN PHYS 211	
1	11.00-01.50 W NKRS C 403 MATSUURA SHOJIRO	
2	11.00-01.50 F NKRS C 403 MATSUURA SHOJIRO	
3	02.00-04.50 T NKRS C 403 CHANDRASEKHAR H S	
4	02.00-04.50 W NKRS C 403 CHANDRASEKHAR H S	
5	06.00-08.50 PM W NKRS C 403 CHANDRASEKHAR H S	
212B	UNIVERSITY PHYS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENRL IN PHYS 211	
1	08.00-10.50 TH NKRS C 405 HO FAT DUEN	
2	03.00-05.50 W NKRS C 405 HO FAT DUEN	
212C	UNIVERSITY PHYS-LAB	01.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ CONCURRENT ENRL IN PHYS 211	
1	09.00-11.50 T NKRS C 407 MIAN S N	
300	INTRO MODERN PHYS	04.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 111 OR 206 OR 211	
1	03.00 MT F NKRS A 160 SCHLECHT RICHARD G	
	04.00 T NKRS A 160 MARSHALL LAURISTON	
	03.00-05.50 W NKRS C 404 WATSON PHILIP C	
2	03.00 MT F NKRS A 160 SCHLECHT RICHARD G	
	04.00 T NKRS A 160 MARSHALL LAURISTON	
	03.00-05.50 TH NKRS C 404 WEDDING WILLIAM	
3	03.00 MT F NKRS A 160 SCHLECHT RICHARD G	
	04.00 T NKRS A 160 MARSHALL LAURISTON	
	09.00-11.50 TH NKRS C 404 WALKER RONALD E	
302	ASTRONOMY - HONORS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 150B & ONE-A101, PHYS 111A	
	,206A,211A OR CONSENT	
1	03.00 M W F NKRS C 410 BEERS BRIAN L	
304	THERMODYNAMICS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ 111B, 206B OR 211B AND MATH 25	
	2B	
1	12.00 M W F NKRS A 458 CUTNELL JOHN D	
305A	INTRO ELEC THEORY	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ MATH 305A OR CONS INSTR & PHYS	
	111 OR 206 OR 211	
1	02.00 M W F PARK 301 SAPOROSCHENKO MYKOLA	
309	ELECTRIC CIRCUITS	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 111C OR 206C OR 211C	
1	01.00 M W F NKRS A 156 MCKAY ROBERT A	
401	MECHANICS II	03.0 CR -(ELECTIVE PASS/FAIL)
	PREREQ PHYS 301, MATH 407 OR CONSENT	
	OF INSTR	
1	08.00 M W F NKRS C 410 BEERS BRIAN L	



415B	MODERN PHYSICS				03.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	PHYS 415A				
1	10.00	M W F	NKRS A	160	BORST WALTER L	
418	MOD PHYSICS LAB			01.0 TO 04.0 CR	-(ELECTIVE PASS/FAIL)	
1	TO BE ARRANGED				PEARSON EDWIN F	
420	SPECIAL PROJECTS I			02.0 TO 05.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ	PHYS 301 AND 305				
1	TO BE ARRANGED					
449A	SERV INST-PHYS TEAC				01.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	CONSENT OF DEPT				
1	09.00-11.50	S	PARK	301	NICKELL WM E	
510A	CLASSICAL MECHANICS				03.0 CR	
	PREREQ	PHYS 401				
1	10.00	M W F	TECH A	122	ZITTER ROBERT N	
511A	MATH METH OF PHYS				03.0 CR	
	PREREQ	MATH 407 OR EQUIV OR CONSENT OF INSTR				
1	01.00	M W F	NKRS A	458	FOGLIO MARIO E	
520	SPECIAL PROJECTS			02.0 TO 05.0 CR		
	PREREQ	CONSENT OF INSTR				
1	TO BE ARRANGED					
530A	ELECTROMAG THEORY				03.0 CR	
	PREREQ	PHYS 305				
1	12.00	M W F	NKRS C	410	JOHNSON KENNETH W	
531A	QUANTUM MECHANICS				03.0 CR	
	PREREQ	MATH 407, PHYS 415 OR CONSENT OF INSTR				
1	09.00	M W F	NKRS A	458	BOSE SUBIR K	
532A	ADV QUANTUM MECH				03.0 CR	
	PREREQ	PHYS 531 AND CONSENT OF INSTR				
1	10.00	M W F	NKRS C	410	HENNEBERGER W C	
540A	NUCLEAR PHYSICS				03.0 CR	
	PREREQ	PHYS 531 AND CONSENT OF INSTR				
1	01.00	M W F	NKRS C	410	NICKLE HARRY	
550A	AT AND MOL SPECTRA				03.0 CR	
	PREREQ	PHYS 531 AND CONSENT OF INSTR				
1	09.00	M W F	NKRS C	410	BORST WALTER L	
560A	STAT MECHANICS				03.0 CR	
	PREREQ	CONSENT OF INSTR				
1	11.00	M W F	NKRS C	410	HUANG HUEY WEN	
575	GRAD SEMINAR			01.0 TO 04.0 CR		
1	08.00-09.50	T TH	NKRS C	410		
580	SEL TOPICS PHYS			03.0 TO 06.0 CR		
1	TO BE ARRANGED					
592	COLLOQUY IN MOL SCI				01.0 CR	
1	04.00-05.30	M	NKRS B	440	HENNEBERGER W C	
597	SPEC TOPICS-MOL SCI			03.0 TO 45.0 CR		
	PREREQ	ADMISSION TO MOL SCI DOCTORAL PROG & CONSENT OF INST				
1	TO BE ARRANGED					
598	SPEC PROJ-MOL SCI			03.0 TO 25.0 CR		
	PREREQ	ADMISSION TO MOL SCI DOCTORAL PROG & CONSENT OF INST				
1	TO BE ARRANGED					
599	THESIS			01.0 TO 09.0 CR		
1	02.00	T TH	NKRS C	410		
600	DISSERTATION			01.0 TO 48.0 CR		
	PREREQ	ADMISSION TO ADVANCED STUDY IN MOLECULAR SCIENCE				
1	03.00-04.50	T TH	NKRS C	410		

**PL I Plant Industries**

109	PRIN-FIELD CROP PRO				04.0 CR	-(ELECTIVE PASS/FAIL)
1	10.00	M W F	AG	214	ELKINS DONALD M	
	10.00-11.50	TH	AG	171	ELKINS DONALD M	
2	10.00	M W F	AG	214	ELKINS DONALD M	
	01.00-02.50	TH	AG	171	ELKINS DONALD M	
264	GEN HORTICULTURE				04.0 CR	-(ELECTIVE PASS/FAIL)
1	09.00	MTW	AG	168	HILLYER IRVIN GEORGE	
	08.00-09.50	F	AG	181	HILLYER IRVIN GEORGE	



2	09.00	MTW	AG	168	HILLYER IRVIN GEORGE
	10.00-11.50	F	AG	181	HILLYER IRVIN GEORGE
3	09.00	MTW	AG	168	HILLYER IRVIN GEORGE
	01.00-02.50	F	AG	181	HILLYER IRVIN GEORGE
301	SOIL SCIENCE			05.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	ONE COURSE IN CHEM			
1	11.00	MTWTH	AG	168	SATCHELL DONALD P
	08.00-09.50	TH	AG	167	SATCHELL DONALD P
2	11.00	MTWTH	AG	168	SATCHELL DONALD P
	03.00-04.50	TH	AG	167	SATCHELL DONALD P
3	01.00	MTW F	AG	168	SATCHELL DONALD P
	10.00-11.50	F	AG	167	SATCHELL DONALD P
4	01.00	MTW F	AG	168	SATCHELL DONALD P
	03.00-04.50	F	AG	167	SATCHELL DONALD P
303	LANDSCAPE PLANT MAT			03.0	CR
	PREREQ	AN INTRODUCTORY BIOL COURSE			
1	02.00	W	AG	170	
	02.00-03.50	M F	AG	171	
304A	LANDSCAPE DESIGN			03.0	CR -(ELECTIVE PASS/FAIL)
1	01.00	M W F	AG	166	COORTS GERALD D
304B	LANDSCAPE DES LAB			02.0	CR
	PREREQ	PL I 304A OR CONCURRENT ENROLLMENT			
1	01.00-02.50	T TH	AG	195	COORTS GERALD D
306A	SOIL & WATER CONSER			03.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	PL I 301			
1	11.00	M W F	AG	166	JONES JOE H
306B	SOIL & WATER CONS			02.0	CR
	PREREQ	PL I 306A OR CONCURRENT ENR IN 306A			
1	11.00-12.50	T TH	AG	195	JONES JOE H
	CROSSLISTED WITH AGI 306B				
2	03.00-04.50	T TH	AG	195	JONES JOE H
	CROSSLISTED WITH AGI 306B				
310	MORPH OF CROP PLANT			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	ONE COURSE IN INTRODUCTORY BIOL OR EQUIV			
1	03.00	M W F	AG	170	ELKINS DONALD M
	03.00-04.50	T	AG	181	ELKINS DONALD M
359	INTERN PROGRAM			03.0 TO 05.0	CR
	PREREQ	JR STANDING			
1	TO BE ARRANGED				COORTS GERALD D
381	PLANT SCIENCE SEM			01.0 TO 02.0	CR
	PREREQ	SENIOR STANDING			
1	04.00	T	AG	170	OLSEN FARREL
390	SPEC STUD PLANTS			01.0 TO 06.0	CR
	PREREQ	CONSENT OF DEPT CHAIRMAN			
1	TO BE ARRANGED				COORTS GERALD D
391	HONORS IN PLANT IND			01.0 TO 06.0	CR
	PREREQ	JR STAND, 4.0 GPA-4.25 IN MAJ -& CONSENT OF DEPT			
1	TO BE ARRANGED				COORTS GERALD D
403	BASIC SOIL-PL RELAT			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	PL I 301			
1	12.00	M W F	AG	170	
	12.00-01.50	T	AG	167	
404	TURF MANAGEMENT			03.0	CR
	PREREQ	AN INTRODUCTORY BIOLOGY COURSE			
1	10.00	M W	AG	168	TWEEDY JAMES A
	08.00-09.50	T	AG	171	TWEEDY JAMES A
2	10.00	M W	AG	168	TWEEDY JAMES A
	10.00-11.50	T	AG	171	TWEEDY JAMES A
408	WORLD CROP PRODUCT			04.0	CR -(ELECTIVE PASS/FAIL)
	PREREQ	PL I 109			
1	09.00	M WTH	AG	170	OLSEN FARREL
	09.00-10.50	F	AG	170	OLSEN FARREL
410	PEST CONT PRIN & OP			04.0	CR
	PREREQ	ZOOL 316 OR EQUIVALENT			
1	11.00	M W F	AG	170	MOWRY JAMES
	11.00	TH	AG	150	MOWRY JAMES

418	WEEDS-THEIR CONTROL	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ AN INTRODUCTORY BIOL COURSE		
1	02.00 MT TH AG	170	TWEEDY JAMES A
	02.00-03.50 W AG	171	TWEEDY JAMES A
444	FLORICULTURE	04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ PL I 264		
1	08.00 M W F AG	170	COORTS GERALD D
	08.00-09.50 T AG	181	COORTS GERALD D
507	ADV SOIL FERTILITY	03.0 CR	
	PREREQ PL I 407A		
1	04.00 M W F AG	155	VARSA EDWARD C
520	READINGS	01.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		COORTS GERALD D
575	RESEARCH	01.0 TO 06.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		COORTS GERALD D
581	SEMINAR	01.0 TO 06.0 CR	
1	04.00 TH AG	170	HILLYER I G
588	INTERNAT GRAD STUDY	01.0 TO 12.0 CR	
	PREREQ CONSENT OF DEPT		
1	TO BE ARRANGED		COORTS GERALD D
590	SPEC STUDIES-PL I	01.0 TO 04.0 CR	
1	TO BE ARRANGED		COORTS GERALD D
599	THESIS	01.0 TO 09.0 CR	
1	TO BE ARRANGED		COORTS GERALD D

**PORT Portuguese**

135A	PORT CONVERSATION	01.0 CR	
	PREREQ CONCURRENT GSC 135A		
1	TO BE ARRANGED		EKKER CHARLES
2	02.00 W WHAM	301A	HARTMAN STEVEN L
201A	INTERMEDIATE PORT	03.0 CR	
	PREREQ GSC 135C OR EQUIV		
1	TO BE ARRANGED		EKKER CHARLES
2	03.00 MT TH WHLR	107	MCBRIDE MARIA

**PR S Presidents Scholars**

251A	HONORS SEMINAR	01.0 CR	
1	07.00-08.20 PM W MAE SM	100	
	SCIENCE COLLOQ-RESTRICT TO FRESHMEN		
251B	HONORS SEMINAR	01.0 CR	
1	07.00-08.20 PM TH MAE SM	100	
	SOCIAL SCIENCE COLLOQ-RESTR TO FRESHMEN		
251C	HONORS SEMINAR	01.0 CR	
1	07.00-08.20 PM M MAE SM	100	
	HUMANITIES COLLOQ-RESTRICTED TO FRESHMEN		
251D	HONORS SEMINAR	01.0 CR	
1	07.00-08.20 PM T MAE SM	100	
	COMMUNICATIONS COLLOQ-RESTR TO FRESHMEN		
351A	HONORS SEMINAR	01.0 TO 12.0 CR	
1	01.00-02.50 M W LS II	310	STAINS
	ABOVE SEC-EVOLUTION: ALTERATION AND ACCELERATION		
351B	HONORS SEMINAR	04.0 CR	
1	10.00-11.50 T TH WHAM	212	PENNINGTON
	ABOVE SEC-PLANTS AND MAN		
2	07.00-09.00 PM T TH H EC	120	MITCHELL
	ABOVE SEC-SOC & CULT BACKGROUND OF SO ILL		
351C	HONORS SEMINAR	04.0 CR	
1	09.00-10.50 M W PULL	310	GRIFFIN
	ABOVE SEC-4 CR-IN PRAISE OF LOVE		
2	11.00-12.30 M W H EC	3	CALDWELL
	ABOVE SEC-3 CR-FUNCTION OF RELIGION IN SOCIETY		
351E	HONORS SEMINAR	03.0 CR	
1	07.30-09.00 PM M W LIB	30	DAHL
	ABOVE SEC-HUMAN SEXUALITY-RESTR TO MALE STUDENTS		

2	07.30-09.00 PM	M W	LIB	30	DAHL	
	ABOVE SEC-HUMAN SEXUALITY-RESTR TO					
	FEMALE STUDT					
399	HONORS PROJECT	02.0 TO 15.0	CR			
	PREREQ	CONSENT OF PR S PROGRAM				
1	TO BE ARRANGED					
2	TO BE ARRANGED					
499	UNDERGRAD HON THES	03.0 TO 09.0	CR			
	PREREQ	APPROVAL OF PRES SCHOL PROG &				
		DEPTS CONCERNED				
1	TO BE ARRANGED					
<b>PSYC Psychology</b>						
211A	PRIN-METH OF PSYC	04.0	CR			
	PREREQ	GSB 202				
1	09.00	M W F	AG	214	RADTKE ROBERT C	
	08.00-09.50	T	LS II	146		
2	09.00	M W F	AG	214	RADTKE ROBERT C	
	08.00-09.50	TH	LS II	146		
3	01.00	M WTH	PARK	111	SCHMECK RONALD	
	01.00-02.50	T	LS II	250		
4	01.00	M WTH	PARK	111	SCHMECK RONALD	
	01.00-02.50	F	LS II	250		
211B	PRIN-METH OF PSYC	04.0	CR			
	PREREQ	PSYC 211A				
1	11.00	M W F	PULL	34	RAMANAIAH NERELLA V	
	10.00-11.50	T	LS II	350		
2	11.00	M W F	PULL	34	RAMANAIAH NERELLA V	
	10.00-11.50	TH	LS II	350		
295	UNDERGRAD SEMINAR	01.0 TO 18.0	CR			
	PREREQ	CONSENT OF INSTRUCTOR				
1	01.00-02.50	M F	H EC	120	VOLLMER WILLIAM	
2	07.30-09.15 PM	T TH	H EC	201	VOLLMER WILLIAM	
	RESTRICTED-INSTRUCTOR'S WRITTEN CONSENT					
301	CHILD PSYCH	04.0	CR			-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 202				
1	08.00-09.50	W F	PARK	204	SOMERVILL JOHN W	
2	02.00	MTWTH	PARK	111	WENDT RACHEL	
3	03.00-04.50	T TH	PARK	111	DUNCKLEY CANDIDA	
4	03.00-04.50	M W	WHAM	302		
303	ADOLESCENT PSYCH	04.0	CR			-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 202				
1	01.00	MTWTH	WHAM	308	WENDT RACHEL	
305	PSYCH PERSONALITY	04.0	CR			-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 202				
1	09.00	TWTHF	PULL	34		
2	01.00-02.50	M W	PULL	34	DEPUE RICHARD	
3	03.00	MTW F	PULL	34		
307	SOCIAL PSYCHOLOGY	04.0	CR			-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 202				
1	08.00	M WTHF	LAWSON	221	DONNERSTEIN EDWARD I	
2	11.00	M WTHF	LAWSON	221	DONNERSTEIN EDWARD I	
311	EXP PSYCH LEARN	04.0	CR			
	PREREQ	PSYC 211B				
1	08.00	MT TH	LS II	250	MELTZER DONALD	
	08.00-09.50	W	LS II	69		
2	09.00	M WTH	LS II	228	MCHOSE JAMES HAYDEN	
	01.00-02.50	T	LS II	69		
312	EXP PSYC PERCEP	04.0	CR			
	PREREQ	PSYC 211B				
1	10.00-11.50	W F	LS II	228	LIT ALFRED	
314	EXP PSYC - PHSL	04.0	CR			
	PREREQ	GSB 202 & GSA301, NOT TAKE				
	CONCURRENTLY WITH A302					
1	11.00	M W F	WHAM	305	IRWIN DONALD A	
	10.00-11.50	TH	LS II	69		
315	EXP PSYC-COG PROCES	04.0	CR			
	PREREQ	PSYC 211B				
1	03.00	M W F	LS II	228	PITZ GORDON	
	03.00-04.50	T	LS II	278		



316 EXPER PSYC- SOCIAL 04.0 CR  
 PREREQ PSYC 211B, PSYC 307  
 1 03.00-04.50 M W LS II 250 MCNEEL STEVEN  
 320 INDUSTRIAL PSYCH 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 202  
 1 11.00 M F PARK 111 WESTBERG WILLIAM C  
 11.00 T TH LAWSON 201 WESTBERG WILLIAM C  
 323 PSYC-EMPLOYEE RELAT 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ GSB 202  
 1 03.00-04.50 T TH LAWSON 131 WESTBERG WILLIAM C  
 399B RES & INV - HONORS 01.0 TO 12.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN  
 1 10.00-11.50 M LS II 226 EHRENFREUND DAVID  
 ABOVE SECTION FOR 2.0CR HOURS

Consent of the PSYC Dept. is necessary for unclassified graduate students to register for 400 and 500 level courses in PSYC.

408 TH OF MOTIVATION 04.0 CR  
 PREREQ PSYC 211B OR CONSENT OF INSTR  
 1 01.00-02.50 M TH LS II 228 EHRENFREUND DAVID  
 411 PSYC PRIN OF TRNG 04.0 CR  
 PREREQ GSB 202 AND PSYC 311  
 1 03.00-04.50 T TH LS II 130 SCHMECK RONALD  
 421 PSYCH TESTS & MEAS 04.0 CR  
 PREREQ 8 HRS OF PSYC  
 1 09.00-10.50 T TH H EC 203 RAMANAIAH NERELLA V  
 431 PSYCHOPATHOLOGY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ PSYC 305 OR CONSENT OF INSTR  
 1 10.00-11.50 M W PARK 204 DEPUE RICHARD  
 2 10.00-11.50 M W PARK 204 DEPUE RICHARD  
 ABOVE SECTION RESTR TO PSYC MAJORS  
 440 TH OF PERSONALITY 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ PSYC 305 OR CONSENT OF INSTR  
 1 09.00 MTW F PARK 111 HARREN VINCENT A  
 2 09.00 MTW F PARK 111 HARREN VINCENT A  
 ABOVE SECTION RESTR TO PSYC MAJORS  
 451 ADVANCED CHILD PSYC 04.0 CR  
 PREREQ PSYC 211B, AND 301 OR CONSENT  
 OF INSTRUCTOR  
 1 03.00-04.50 M W LS II 350 O'DONNELL JAMES P  
 465 GRP DYN-IND BEHAV 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ PSYC 307 OR CONSENT OF INSTR  
 1 01.00-02.50 M AG 116 MCNEEL STEVEN P  
 01.00-02.50 TH LS II 250 MCNEEL STEVEN P  
 490 INDEPEN PROJECTS 01.0 TO 16.0 CR -(MANDATORY PASS/FAIL)  
 PREREQ CONSENT OF INSTR  
 1 TO BE ARRANGED

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510 HISTORY & SYSTEMS 04.0 CR  
 PREREQ CONSENT OF INSTR  
 1 11.00 MTW F AG 144 MCHOSE JAMES HAYDEN  
 514A PHYSIOLOGICAL PSYCH 04.0 CR  
 PREREQ CONSENT OF INSTRUCTOR OR 514B  
 1 10.00-11.50 S LS II 69  
 09.00 M W F LS II 330 IRWIN DONALD A  
 516 LEARNING PROCESSES 04.0 CR  
 PREREQ CONSENT OF INSTR  
 1 01.00-02.50 M W LS II 250 MELTZER DONALD  
 522A RES DES & INFERENCE 04.0 CR  
 PREREQ TAKEN IN ABC SEQUENCE--CONSENT  
 OF INSTR OR MATH 111B  
 1 10.00 M W F LS II 224 PITZ GORDON F  
 10.00-11.50 TH LS II 224  
 523 RESEARCH SEMINAR 02.0 CR  
 PREREQ PSYC 522C OR GUID 507  
 1 03.00-04.50 T LS II 228 RIMM DAVID C  
 530 PERS THEOR & DYN 04.0 CR  
 PREREQ CONSENT OF INSTR

1	11.00	M W F	LS II	250	RADER & SCHILL
	10.00-11.50	T	LS II	250	
538	GROUP PSYCHOTHERAPY			02.0 CR	
	PREREQ PSYC 537 AND CONSENT OF INSTR				
1	10.00-11.50	TH	LS II	228	
543A	PSYCHODIAGNOSTIC II			04.0 CR	
	PREREQ PSYC 541 OR CONSENT OF INSTR				
1	02.00-03.50	M W	LS II	130	RAFFERTY & SCHILL
	02.00	F	LS II	130	
547	ASSESS PROCED COUNS			04.0 CR	
	PREREQ PSYC 421 OR CONSENT OF INSTR				
1	02.00-03.50	M TH	AG	150	
	02.00-03.50	TH	AG	148	
554	DEVELOPMENTAL THEOR			02.0 CR	
	PREREQ PSYC 451 OR CONSENT OF INSTR				
1	08.00-09.50	M	LS II	130	SOMERVILL JOHN W
556	PSYCH TREAT CHILD			02.0 CR	
	PREREQ PSYC 451 OR CONSENT OF INSTR				
1	10.00-11.50	W	AG	218	BEKKER L DEMOYNE
581	PSYCHOPHYSICAL MET			04.0 CR	
	PREREQ CONSENT OF INSTR				
1	03.00-04.50	T TH	LS II	250	LIT ALFRED
590	READINGS-PSYC			01.0 TO 16.0 CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
591	RESEARCH IN PSYC			01.0 TO 36.0 CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
593E	PRACT-CLIN PSYC			01.0 TO 18.0 CR	
	PREREQ CONSENT OF INSTR IN CHARGE				
1	TO BE ARRANGED				BEKKER L DEMOYNE
	FOR ADVANCED STUDENTS				
2	TO BE ARRANGED				RINGUETTE EUGENE
	FOR ADVANCED STUDENTS				
3	01.00-03.50	TH	WHAM	145B	RIMM DAVID
	ABOVE SECTION FOR BEGINNING STUDENTS				
4	01.00-03.50	TH	WHAM	145B	SHOEMAKER DONALD
	ABOVE SECT FOR BEGINNING STUDENTS				
593F	PRACT-COUNS PSYC			01.0 TO 18.0 CR	
	PREREQ CONSENT OF INSTR IN CHARGE				
1	TO BE ARRANGED				RASCHE LOIS M
2	TO BE ARRANGED				SNYDER JOHN F
593J	PRACT-CHILD PSYC			01.0 TO 18.0 CR	
	PREREQ CONSENT OF INSTR IN CHARGE				
1	TO BE ARRANGED				ODONNELL JAMES P
593L	PRACT-TEACHING PSYC			01.0 TO 18.0 CR	
	PREREQ CONSENT OF INSTR IN CHARGE				
1	11.00-12.50	T	LS II	228	CARRIER NEIL ALAN
595	ADVANCED SEMINAR			01.0 TO 18.0 CR	
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				RADTKE ROBERT C
2	TO BE ARRANGED				MOLFESE DENNIS LEE
3	TO BE ARRANGED				LEVITT ROBERT
4	08.00-09.50	T	LS II	228	MOLFESE DENNIS
	08.00-09.50	TH	LS II	450	
5	01.00-02.50	W	LS II	226	MITCHELL THOMAS
	ABOVE SECT-1.0 CR ONLY				
599	THESIS			01.0 TO 09.0 CR	
1	TO BE ARRANGED				
600	DISSERTATION			01.0 TO 45.0 CR	
1	TO BE ARRANGED				
<b>R PH Romance Philology</b>					
410	ROMANCE PHILOLOGY I			04.0 CR -(ELECTIVE PASS/FAIL)	
1	02.00	MTWTH	FANER	1030	HARTMAN STEVEN
<b>R - T Radio-Television</b>					
300M	R-T WRIT-PERF-PRUD			05.0 CR	
1	01.00	M W F	LAWSON	171	OLSON THOMAS O
	TO BE ARRANGED				

300P	PROGRAM & ANALYSIS		05.0 CR	
1	10.00	MTWTHF	LAWSON 141	DYBVIG HOMER EUGENE
300S	FOUNDATIONS OF R-T		05.0 CR	
1	12.00	MTWTHF	LAWSON 141	LYNCH CHARLES T
302	BASIC RADIO PRODUCT		02.0 CR	
	PREREQ C GRADE IN 300M, P, AND S			
1	01.00	T	COMM 1046	QUERCIAGROSSA GERALD
	02.00-03.50	TH	COMM 52C	QUERCIAGROSSA GERALD
303	BASIC TV PRODUCTION		03.0 CR	
	PREREQ C GRADE IN 300M, P, AND S			
1	03.00	F	COMM 1046	OLSON THOMAS O
	12.00-03.50	W	COMM 1015	OLSON THOMAS O
2	03.00	F	COMM 1046	OLSON THOMAS O
	12.00-03.50	TH	COMM 1015	BAKER BARRY G
3	03.00	M	COMM 1046	OLSON THOMAS O
	12.00-03.50	F	COMM 1015	BYRD MORRIS P
310	RADIO - TV NEWS		03.0 CR	
	PREREQ C GRADE IN 300M, P, AND S			
1	09.00	M W F	COMM 1046	BROWN WILLIAM E
325	CABLE COMMUNICATION		03.0 CR	
	PREREQ C GRADE IN 300M, P, AND S			
1	10.00	M W F	COMM 1046	TERWISCHE DAVE
340	ANALY-BROADCAST PRO		04.0 CR	
	PREREQ C GRADE IN 300M, P, AND S			
1	02.00-03.50	M W	COMM 1046	LYNCH CHARLES T
2	02.00-03.50	T TH	COMM 1046	LYNCH CHARLES T
351	PROGS AND AUDIENCES		03.0 CR	
	PREREQ C GRADE IN 300M, P, AND S			
1	11.00	M F	LAWSON 121	DYBVIG HOMER EUGENE
	11.00	W	LAWSON 101	
352	LAWS AND POLICIES		03.0 CR	
	PREREQ C GRADE IN 300M, P, AND S			
1	01.00	M W F	LAWSON 121	OGLESBEE FRANK W
360	RADIO ANNOUNCING		03.0 CR	
	PREREQ B GRADE IN 300M OR CONS, C GRADE IN 300P, S & THEA203			
1	12.00	M W F	COMM 1016	HILDRETH RICHARD
	ADDITIONAL HOURS TBA			
363	INTERMED RADIO PROD		04.0 CR	
	PREREQ C GRADE IN 300M, P, AND S, AND 302			
1	12.00-01.50	T	COMM 1016	BYRD PHIL
	12.00-02.50	TH	COMM 1016	BYRD PHIL
2	12.00-01.50	F	COMM 1016	TERWISCHE DAVID K
	07.00-10.00 PM	W	COMM 1016	TERWISCHE DAVID K
369	TV DIRECTING		04.0 CR	
	PREREQ C GRADE IN 300M, P AND S, 303, 340 AND 374			
1	08.00-11.50	T	COMM 1046	ROCHELLE DAVID B
2	08.00-11.50	W	COMM 1056C	ROSCETTI BERNARD F
3	08.00-11.50	TH	COMM 1046	ROCHELLE DAVID B
370	TV NEWSFILM PRODUCT		03.0 CR	
	PREREQ C GRADE IN 300M, P AND S			
1	10.00-11.50	T	COMM 1056C	NORWOOD DONALD J
	TO BE ARRANGED			
2	10.00-11.50	TH	COMM 1056C	NORWOOD DONALD J
	TO BE ARRANGED			
374	STUDIO OPERATION-TV		02.0 CR	
	PREREQ C GRADE IN 300M, P, AND S, AND 303			
1	05.00	T	COMM 1046	ROSCETTI BERNARD F
375	INDIVIDUAL STUDY		01.0 TO 02.0 CR	
	PREREQ C GRADE IN 300M, P, & S AND CONSENT OF INSTRUCTOR			
1	03.00-04.50	T	COMM 1046	DYBVIG, LYNCH, OLSON, T
377	R-TV ADVERTISING		03.0 CR	
	PREREQ C GRADE IN 300M, P, & S			
1	08.00	M W F	COMM 1046	DYBVIG HOMER
380	ADV NEWSFILM PROD		02.0 CR	
	PREREQ C IN R-T 300P, 300S, 300M, 370 OR C&P 355 AND CONSENT			



	1	06.30-09.00 PM	M	COMM	1056C	NORWOOD
383		BROADCAST WRITING			04.0 CR	
		PREREQ	C GRADE IN 300M,P,&S,AND 302, 303			
	1	10.00-11.50	T TH	COMM	1046	OGLESBEE FRANK W
	2	12.00-01.50	M W	COMM	1046	TERWISCHE DAVID K
384		R-T PRACTICUM			02.0 CR	
		PREREQ	VARIES ACCORDING TO CHOSEN SEQUENCE			
	1	05.00	W	COMM	1046	
		ADDITIONAL HOURS TBA				
386		ADV RADIO PRODUCT			03.0 CR	
		PREREQ	C GRADE IN 300M,P,S&302,340,TH EA 203& FCC 3RD PH LIC			
	1	04.00	T TH	COMM	1046	
		TO BE ARRANGED				
387		ADV TV PRODUCTION			04.0 CR	
		PREREQ	C GRADE IN 300M,P,S& 303, 340, 369,374,383, & CONSENT			
	1	09.00	T	COMM	1046	OLSON THOMAS O
		ADDITIONAL HOUR TBA				
393		RADIO,TV,&SOCIETY			04.0 CR	
		PREREQ	C GRADE IN 300M,P,& S & COMPLETION OF 144 HOURS			
	1	09.00	M W F	LAWSON	121	
430		PUB AFF & R-T ESTAB			03.0 CR	
		PREREQ	C GRADE IN 300M,P,& S			
	1	06.00-09.00 PM	M	COMM	1046	ROBBINS BUREN C
464		PUB AFFAIRS-TV PROG			03.0 CR	
		PREREQ	C GRADE IN 300M,P,& S			
	1	06.00-09.00 PM	T	COMM	1046	ROBBINS BUREN C
467		RADIO-TV PROD SURV			03.0 CR	
	1	01.00	M F	COMM	1015	ROBBINS BUREN C
		01.00	W	COMM	1016	
470		DOCUMENT FILM PROD			04.0 CR	-(MANDATORY PASS/FAIL)
		PREREQ	C GRADE IN 300M,P,& S & 370 OR C&P 355			
	1	10.00-11.50	F	COMM	1056C	NORWOOD DONALD J
		TO BE ARRANGED				NORWOOD DONALD J
475		INDIVIDUAL STUDY			01.0 TO 04.0 CR	
		PREREQ	C GRADE IN 300M,P,& S, AND CONSENT			
	1	03.00	TH	COMM	1046	DYBVIG,OLSON,LYNCH,T

# **REC Recreation and Outdoor Education**

300		INTRO TO RECREATION			04.0 CR	
		PREREQ	RESTRICTED TO CONSENT OF DEPT			
	1	08.00	M WTHF	WHAM	203	SCHULTZ STEPHEN H
	2	01.00	M WTHF	WHAM	228	SCHULTZ STEPHEN H
301		OUTDOOR EDUCATION			04.0 CR	
		PREREQ	REC 300 AND REC 305 OR CONSENT OF DEPT			
	1	09.00-10.50	T	TECH A	420	
		08.00-10.50	TH	TECH A	420	
		WEEK-END FIELD TRIP REQUIRED				
	2	09.00-10.50	T	WHAM	328	
		08.00-10.50	TH	TECH A	120	
		WEEK-END FIELD TRIP REQUIRED				
	3	02.00-03.50	M	AG	148	
		02.00-04.50	W	AG	148	
		WEEK-END FIELD TRIP REQUIRED				
302		INSTITUTIONAL REC			04.0 CR	
		PREREQ	REC 305			
	1	01.00	T TH	AG	166	FREEBERG WILLIAM
		01.00	W	WHAM	206	
		01.00	F	WHAM	208	
305		PROGRAMS IN REC			04.0 CR	
		PREREQ	REC 300 OR CONSENT OF DEPT			
	1	09.00	M	PARK	204	SCHULTZ STEPHEN H
		09.00	T TH	AG	144	
		09.00	W	FANER	1136	

310	SOCIAL RECREATION			03.0 CR	
	PREREQ	REC 300 AND REC 305 OR CONSENT OF DEPT			
1	02.00-03.50	W	0720	117	
	02.00-03.50	TH	0720	106	TAYLOR LOREN E
315	DRAMATICS IN REC			03.0 CR	
	PREREQ	REC 300 AND REC 305 OR CONSENT OF DEPT			
1	03.00	M	PULL	39	TAYLOR LOREN E
	04.00-05.30	M	PULL	34	TAYLOR LOREN E
320	NATURE INTERPRET			04.0 CR	
	PREREQ	REC 300 AND REC 305 OR CONSENT OF DEPT			
1	09.00-10.50	M	AG	148	
	08.00-10.50	W	AG	148	
2	02.00-03.50	T	BAILEY	130	
	02.00-04.50	TH	BAILEY	130	
325	LEISURECRAFTS			03.0 CR	
	PREREQ	REC 300 AND REC 305 OR CONSENT OF DEPT			
1	11.00	M W	AG	224	TAYLOR LOREN E
	11.00	F	AG	168	
330	CAMPCRAFT			03.0 CR	
	PREREQ	REC 305			
1	03.00-05.30	W	WHAM	205	ABERNATHY WILLIAM
365	ORG ADMIN-COMM REC			04.0 CR	
	PREREQ	REC 300,305 AND 15 HRS IN REC OR CONSENT OF DEPT			
1	10.00	T TH	LAWSON	221	OBRIEN WILLIAM E
	10.00	W F	LAWSON	201	
380	FIELD WORK			02.0 TO 08.0 CR	
	PREREQ	20 HRS IN REC & CONSENT OF INSTR			
1	TO BE ARRANGED				ABERNATHY WILLIAM
480	PRACTICUM-OUTDR ED			02.0 TO 16.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	TO BE ARRANGED				NOWAK
490	INTERNSHIP IN REC			08.0 TO 16.0 CR	
	PREREQ	20 HRS IN REC			
1	TO BE ARRANGED				ABERNATHY WILLIAM
500	PRIN OF REC			04.0 CR	
1	06.30-09.00 PM	T	PULL	35	OBRIEN WILLIAM E
510	OUTDOOR ED WKSHP			04.0 CR	
1	06.30-09.00 PM	T	WHAM	206	NOWAK
530	REC PROGRAM WORKSHP			04.0 CR	
	PREREQ	REC 500			
1	06.30-09.00 PM	TH	PULL	34	FREEBURG WM H
570	SEM- LEISURE & REC			04.0 CR	
	PREREQ	REC 500			
1	06.30-09.00 PM	M	PULL	35	FREEBURG WM H
596	INDEPENDENT STUDY			02.0 TO 09.0 CR	
1	TO BE ARRANGED				NOWAK PAUL F
599	THESIS			05.0 TO 09.0 CR	
	PREREQ	CONSENT OF CHAIRMAN			
1	TO BE ARRANGED				FREEBURG WM H

**REHB Rehabilitation**

414	DEV EMP OPPORT			01.0 TO 16.0 CR	
	PREREQ	SPECIAL STANDING OR CONSENT OF INSTR			
1	TO BE ARRANGED				VIECELI LOUIS
420	HUMAN DEV AND BEH			03.0 TO 04.0 CR	
	PREREQ	ADVANCED STANDING			
1	08.00-09.50	M W	COMM	1022	BRYSON SEYMOUR LEE
480	INTRO TO REHB			02.0 TO 04.0 CR	
1	01.00-02.50	M	LAWSON	221	LEE ROBERT EDWARD
	01.00-02.50	W	COMM	1006	
2	01.00-02.50	M	H EC	201	VIECELI LOUIS
	01.00-02.50	W	WHAM	203	

485	SCIENTIFIC METHOD			04.0 CR	
1	10.00-11.50	M	WHAM	317	SANDERS RICHARD M
	10.00-11.50	W	AG	154	SANDERS RICHARD M
486	INTRO BEHAV MOD			04.0 CR	
1	09.00	MT THF	AG	166	
490	READINGS IN REHB		01.0 TO 06.0	CR	
	PREREQ	CONSENT OF INSTR			
1	01.00-02.50	F	WHAM	201	GARDNER MARGARET S
501A	REHB ADMINISTRATION			02.0 CR	
	PREREQ	CONSENT OF INSTR			
1	06.00-09.50 PM	TH	WHAM	321	LEE ROBERT EDWARD
511	VOCATIONAL CHOICE		02.0 TO 04.0	CR	
	PREREQ	CONSENT OF INSTR			
1	08.00-11.50	MTWTHFS	0406	102	SCHUMACHER BROCKMAN
	12.00-04.50	MTWTHFS	0406	102	SCHUMACHER BROCKMAN
	ABOVE SECT-DVR WORKSHOP-CHECK WITH REHB				
	INST FOR DATES				
520	FUNCT ANAL OF BEHAV			04.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	10.00-11.50	T TH	0720	114	CAMPBELL ROBERT L
551	GEN REHB COUNSELING		03.0 TO 04.0	CR	
	PREREQ	CONSENT OF DEPARTMENT			
1	09.00-04.30	MTWTHFS	0406	102	GRENFELL JOHN E
	ABOVE SECT-DVR WORKSHOP-CHECK WITH REHB				
	INST FOR DATES				
2	10.00-11.50	F	PARK	204	RENZAGLIA
	03.00-04.50	W	0720	114	
3	05.45-09.15	M	LAWSON	121	GRENFELL
564	SEXUAL BEHAVIOR			04.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR			
1	03.00-04.50	W F	AG	144	
571	SEM IN SEL TOPICS		01.0 TO 06.0	CR	
	PREREQ	CONSENT OF DEPT			
1	07.35-09.15 PM	T TH	NKRS A	156	
576	SEM IN BEHAV MODIFI		01.0 TO 12.0	CR	
	PREREQ	CONSENT OF INSTR			
1	01.00-02.50	T TH	0406	102	POPPEN & SANDERS
578	SEM IN CORR REH CO		02.0 TO 04.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				ALLEN HARRY A JR
2	07.35-09.15 PM	M	WHAM	312	SCHUMACHER BROCKMAN
585A	PRACTICUM IN REHB		01.0 TO 12.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				LEE ROBERT EDWARD
585B	PRACTICUM IN REHB		01.0 TO 12.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				CAMPBELL ROBERT L
585C	PRACTICUM IN REHB		01.0 TO 24.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				SCHUMACHER & OTHERS
589	INTERNSHIP IN REHB		00.0 TO 12.0	CR	
	PREREQ	REHB 585 AND CONSENT OF DEPT			
1	TO BE ARRANGED				
590	INDEPENDENT PROJ		01.0 TO 16.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
591	RESEARCH IN REHB		01.0 TO 16.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
599	THESIS		01.0 TO 09.0	CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
<b>RELS Religious Studies</b>					
301	CONT WEST REL THOT			03.0 CR	
1	02.00	T THF	WHAM	210	HAYWARD JOHN F
320A	BIBLICAL STUDIES			03.0 CR	
	PREREQ	JUNIOR STANDING OR CONSENT OF INSTRUCTOR			
1	01.00	T THF	WHAM	312	SMITH LEMUEL E



330A HIST WES REL THOUGH 03.0 CR  
 PREREQ JUNIOR STANDING OR CONSENT OF  
 INSTRUCTOR  
 1 03.00 M W F WHAM 328 SMITH LEMUEL E  
 331A RELIGION IN AMERICA 03.0 CR  
 PREREQ SOPH STANDING OR CONSENT OF  
 INSTRUCTOR  
 1 09.00 M W F WHAM 301B SMITH LEMUEL E  
 376 HONORS READING- REL 01.0 TO 04.0 CR  
 PREREQ CONSENT OF DEPT  
 1 TO BE ARRANGED HAYWARD JOHN F

**RUSS Russian**

136A RUSS CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 136A  
 1 11.00 TH WHLR 113  
 2 02.00 TH FANER 1126  
 3 06.00 PM M H EC 104  
 201A INTERMED RUSSIAN 03.0 CR  
 PREREQ GSC 136A OR 2 YRS H.S. RUSSIAN  
 ,OR EQUIV  
 1 09.00 M F FANER 1024  
 09.00 W FANER 2006  
 220A INTER RUSS CONVER 02.0 CR  
 PREREQ GSC 136C OR CONC REGISTRATION  
 IN ANY QTR OF 201  
 1 01.00 T F FANER 1028  
 301 INTER READINGS RUSS 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ RUSS 201C OR EQUIVALENT  
 1 10.00 MT FANER 1122 ORECHWA OLGA  
 10.00 W F FANER 1126 ORECHWA OLGA  
 330A RUSS CULTURE 03.0 CR  
 PREREQ RUSS 201C OR EQUIV  
 1 11.00 M W F FANER 3113 KUPCEK JOSEPH R  
 405 TRANSLATION TECH 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ 201C OR CONSENT OF DEPARTMENT  
 1 01.00 MTWTH FANER 3010  
 412 RUSSIAN REALISM 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ RUSS 308B OR CONSENT OF DEPT  
 1 02.00 MTW F FANER 2010  
 510 RUSS LIT 18TH CENT 03.0 CR  
 1 TO BE ARRANGED KUPCEK  
 514A HISTORY- RUSS LANG 03.0 CR  
 1 10.00 M W F H EC 3 KUPCEK

Prospective teachers see FL 453 for listing of methods of teaching  
 modern Foreign Languages.

**S ED Secondary Education**

301 FIELD EXPERIENCE 02.0 CR  
 1 TO BE ARRANGED DIXON BILLY G  
 301 RESTR TO CONSENT OF PROF EDUC EXPER  
 310 HIST PRIN OF SEC ED 04.0 CR  
 PREREQ GUID 305/PSYC 303,ADMISSION TO  
 TCHR ED PROGRAM  
 1 08.00 M WTHF WHAM 326  
 2 09.00 M WTHF WHAM 228  
 3 09.00 M WTHF WHAM 326  
 4 10.00 M WTHF WHAM 326  
 5 10.00 M WTHF WHAM 328  
 6 11.00 M WTHF WHAM 326  
 7 12.00 M WTHF WHAM 326  
 8 01.00 M WTHF WHAM 326  
 9 02.00 M WTHF WHAM 326  
 10 05.45-07.25 M W WHAM 326  
 312 INSTR ANAL&FIELD WK 02.0 TO 08.0 CR  
 PREREQ ADMISSION TO TEACHER EDUCATION  
 PROGRAM & S ED 310  
 1 TO BE ARRANGED DIXON BILLY G  
 RESTR TO CONSENT OF PROF EDUC EXPER  
 315 SEC SCH TEACH METH 04.0 CR  
 PREREQ S ED 310 OR CONCURRENT ENROLL

1	09.00	M WTHF	WHAM	328	
2	11.00	M WTHF	WHAM	328	
340	TEACH READ IN H S			04.0 CR	
	PREREQ GUID 305				
1	09.00	MTWTH	WHAM	321	DUSENBERY MIRIAM C
2	11.00	MTWTH	WHAM	329	DUSENBERY MIRIAM C
352	SEC STUD TCH			08.0 TO 16.0 CR	
1	TO BE ARRANGED				DIXON BILLY G
	AGRICULTURE				
2	TO BE ARRANGED				DIXON BILLY G
	ART				
3	TO BE ARRANGED				DIXON BILLY G
	BIOLOGICAL SCIENCES				
4	TO BE ARRANGED				DIXON BILLY G
	BUSINESS				
5	TO BE ARRANGED				DIXON BILLY G
	ENGLISH				
6	TO BE ARRANGED				DIXON BILLY G
	FOREIGN LANGUAGE				
7	TO BE ARRANGED				DIXON BILLY G
	HEALTH EDUCATION				
8	TO BE ARRANGED				DIXON BILLY G
	HOME ECONOMICS				
9	TO BE ARRANGED				DIXON BILLY G
	INSTRUCTIONAL MATERIALS				
10	TO BE ARRANGED				DIXON BILLY G
	JOURNALISM				
11	TO BE ARRANGED				DIXON BILLY G
	LANGUAGE ARTS				
12	TO BE ARRANGED				DIXON BILLY G
	MATHEMATICS				
13	TO BE ARRANGED				DIXON BILLY G
	MUSIC				
14	TO BE ARRANGED				DIXON BILLY G
	OCCUPATIONAL EDUCATION				
15	TO BE ARRANGED				DIXON BILLY G
	PHYSICAL EDUCATION				
16	TO BE ARRANGED				DIXON BILLY G
	PHYSICAL SCIENCES				
17	TO BE ARRANGED				DIXON BILLY G
	SOCIAL SCIENCES				
18	TO BE ARRANGED				DIXON BILLY G
	SPEECH				

S ED 352 - Student teachers are expected to be on duty in the public schools according to the calendar of the schools in which they are teaching. During the time in which University students are student teaching, it may therefore be necessary for them to follow a calendar different from the quarterly University calendar. When this is necessary, the Chairman of Professional Education Experiences will inform the students sufficiently far enough in advance so that they may make necessary arrangements.

375A	IND RES-CURRICULUM	02.0 TO 04.0 CR
	PREREQ S ED 310 & CONSENT OF DEPT OR	
	APPROPRIATE ADVISOR	
1	TO BE ARRANGED	
375B	IND RES-INSTRUCTION	02.0 TO 04.0 CR
	PREREQ S ED 310 & CONSENT OF DEPT OR	
	APPROPRIATE ADVISOR	
1	TO BE ARRANGED	
375C	IND RES-LANG ARTS	02.0 TO 04.0 CR
	PREREQ S ED 310 & CONSENT OF DEPT OR	
	APPROPRIATE ADVISOR	
1	TO BE ARRANGED	
375D	IND RES-SCIENCE	02.0 TO 04.0 CR
	PREREQ S ED 310 & CONSENT OF DEPT OR	
	APPROPRIATE ADVISOR	
1	TO BE ARRANGED	
375E	IND RES-READING	02.0 TO 04.0 CR
	PREREQ S ED 310 & CONSENT OF DEPT OR	
	APPROPRIATE ADVISOR	

1	TO BE ARRANGED				
375F	IND RES-SOC STUDIES	02.0 TO 04.0 CR			
	PREREQ S ED 310 & CONSENT OF DEPT OR				
	APPROPRIATE ADVISOR				
1	TO BE ARRANGED				
375G	IND RES-PROB S ED	02.0 TO 04.0 CR			
	PREREQ S ED 310 & CONSENT OF DEPT OR				
	APPROPRIATE ADVISOR				
1	TO BE ARRANGED				
375H	IND RES-JR HIGH MET	02.0 TO 04.0 CR			
	PREREQ S ED 310 & CONSENT OF DEPT OR				
	APPROPRIATE ADVISOR				
1	TO BE ARRANGED				
487	TCH NAT SCI-SEC SCH	04.0 CR			
	PREREQ S ED 310 CR CONCURRENT				
1	10.00-11.50 M W	PULL	304	JAMES HELEN H	
488	SOC ST IN SEC SCH	04.0 CR			
	PREREQ S ED 310 OR CONCURRENTLY				
1	01.00-02.50 M TH	WHAM	328		
2	01.00-02.50 W F	WHAM	328		
507	READINGS IN READING	02.0 TO 04.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED			DUSENBERY MIRIAM C	
509	PRACTICUM IN RD	04.0 TO 08.0 CR			
	PREREQ S ED 521C				
1	TO BE ARRANGED				
516	INTERN IN READING	04.0 TO 12.0 CR			
	PREREQ S ED 509 AND 514				
1	TO BE ARRANGED				
518	SUP OF PROF EXPER	04.0 CR			
1	TO BE ARRANGED			DIXON BILLY G	
521A	DIAG-CORR READ DIS	04.0 CR			
	PREREQ 505 OR 440 OR CONCURRENT REG				
	WITH 505 & TEACH EXPER				
1	09.00-11.30 F	WHAM	144		
2	09.00-11.30 S	WHAM	144		
561	CURRICULUM	04.0 CR			
1	06.30-09.00 PM W	WHAM	329		
	CROSSLISTED WITH EDAF 560				
562	SEC SCHO CURRICULUM	04.0 CR			
1	06.30-09.00 PM M	WHAM	328		
571	SEM IN CURRICULUM	04.0 CR			
	PREREQ ELED 561 OR S ED 562 OR EQUIV				
1	03.30-06.00 W	WHAM	301B	BUSER ROBERT L	
575A	IND RES-CURRICULUM	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
575B	IND RES-SUPERVISION	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
575C	IND RES-LANG ARTS	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
575D	IND RES-SCIENCE	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
575E	IND RES-READING	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
575F	IND RES-SOC STUDIES	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
575G	IND RES-SEC EDUC	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
575H	IND RES-JR H METHOD	02.0 TO 04.0 CR			
1	TO BE ARRANGED				
588	SOC ST ED IN S CURR	04.0 CR			
	PREREQ S ED 488 OR EQUIV				
1	06.30-09.00 PM T	WHAM	301B	MILLER HARRY G	
596	INDEPENDENT INVEST	05.0 TO 09.0 CR			
1	TO BE ARRANGED				
598	PRACTICUM	02.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
599	THESIS	03.0 TO 09.0 CR			
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 48.0 CR			
1	TO BE ARRANGED				



**SEC Secretarial and Business Education**

201A	TYPEWRITING			03.0 CR	
1	08.00	TWTHF	CL	13	BUBOLTZ VAN A
2	12.00	MTWTH	CL	13	
3	03.00	MTWTH	CL	13	BUBOLTZ VAN A
201B	TYPEWRITING			03.0 CR	
	PREREQ	SEC 201A OR EQUIV			
1	09.00	MTWTH	CL	21	
2	03.00	MTWTH	CL	21	BURGER O JUNE
221A	SHORT HAND-TRANS			04.0 CR	
1	02.00	MTWTHF	CL	17	JACOBSON HARRY E
221B	SHORT HAND-TRANS			04.0 CR	
	PREREQ	SEC 221A OR EQUIV			
1	02.00	MTWTHF	CL	24	BURGER O JUNE
221C	SHORT HAND-TRANS			04.0 CR	
	PREREQ	SEC 221B OR EQUIV			
1	02.00	MTWTHF	CL	21	BUBOLTZ VAN A
241	DUPLICATING			01.0 CR	
	PREREQ	SEC 201A OR EQUIV			
1	09.00-10.50	F	CL	21	RAHE HARVES
2	12.00-01.50	W	CL	21	RAHE HARVES
243	KEYPUNCH			01.0 CR	
	PREREQ	SEC 201A OR EQUIV			
1	09.00	TH	CL	17	BURGER OPAL JUNE
2	01.00	M	CL	17	BURGER OPAL JUNE
3	04.00	W	CL	17	BURGER OPAL JUNE
304	ADV TYPEWRITING			03.0 CR	
	PREREQ	SEC 201C OR EQUIV			
1	09.00	MTWTH	CL	13	ANDERSON MARCIA A
317	DATA PROC IN BUS ED			04.0 CR	
1	10.00	MTWTH	CL	17	BURGER OPAL JUNE
324A	ADV SHORTHAND-TRANS			04.0 CR	
	PREREQ	SEC 221C OR EQUIV			
1	02.00	MTWTHF	CL	13	ANDERSON MARCIA A
326	EXECUTIVE SEC PROC			04.0 CR	
	PREREQ	SEC 201C OR EQUIV			
1	10.00	MTWTHF	CL	13	BUBOLTZ VAN A
341	OFFICE CALC MCHNS			04.0 CR	
1	11.00	MTWTHF	CL	17	RAHE HARVES
351	TEACH TYPEWRITING			03.0 CR	
	PREREQ	304 OR EQUIV			
1	11.00	TWTH	CL	13	ANDERSON MARCIA A
352	TEACH SHORTHAND			03.0 CR	
	PREREQ	324A OR EQUIV			
1	10.00	TWTH	CL	21	RAHE HARVES
355	TCH BOOKKPNG & ACCT			04.0 CR	
	PREREQ	ACCT 251B OR EQUIV			
1	01.00	TWTHF	CL	17	JACOBSON HARRY E
485	PRIN-PHIL VO TEC ED			03.0 CR	
	PREREQ	STUDENT TEACHING OR CONSENT OF DEPARTMENT			
1	09.00-11.30	S	TECH A	221	
510	IMPROV INSTR IN SEC			04.0 CR	
	PREREQ	SEC 403 OR 404 OR 406			
1	06.30-09.00 PM	TH	CL	13	JACOBSON HARRY E
591	IND RES IN BUS ED	02.0	TO 05.0 CR		
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				

**SOC Sociology**

301	PRINCIPLES OF SOC			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	JR STANDING			
1	11.00-12.50	M W	AG	214	MARTIN THOMAS
2	01.00	MT THF	AG	214	DAY ROBERT A
3	02.00-03.50	M W	H EC	118	MARTIN THOMAS
302	CONTEMP SOC PROB			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	ONE COURSE IN SOC			
1	02.00	MT THF	GYM	203	
308	STAT FOR SOC SCI			04.0 CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 201B OR SOC 301 OR CONSENT OF INSTR			

1	08.00	MTWTH	WHAM	321	HAWKES ROLAND K
332	SOCIAL ORGANIZATION		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	SOC 301			
1	09.00-10.50	T TH	H EC	208	NALL FRANK
335	URBAN SOCIOLOGY		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 201B OR SOC 301			
1	09.00-10.50	M	CL	24	DUBECK PAULA J
	09.00-10.50	W	COMM	1006	
2	12.00-01.50	T TH	LS II	146	NALL FRANK C
3	03.00-04.50	T TH	H EC	202	NALL FRANK
340	THE FAMILY		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 201B OR SOC 301			
1	11.00-12.50	M	AG	148	LANTZ HERMAN
	11.00-12.50	W	AG	150	
	ABOVE SECTION RESTR TO SOC MAJORS				
351	SOC OF RELIGION		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 201B OR SOC 301			
1	03.00-04.50	T TH	LS II	146	LEMERT CHARLES C
371	POPUL & MIGRATION		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	SOC 301 OR CONSENT OF INSTR			
1	08.00	MT THF	H EC	118	VOTH DONALD
372	CRIMINOLOGY		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 201B OR SOC 301			
1	08.00	TWTHF	WHAM	210	CERNKOVICH STEPHEN
2	01.00-02.50	T TH	WHAM	205	KULMAN KENNETH
396	READINGS IN SOC		01.0 TO 05.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
396H	HONORS READINGS-SOC		01.0 TO 04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	CONSENT OF DEPARTMENT			
1	TO BE ARRANGED				
406	SOCIAL CHANGE		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	TWO COURSES IN SOC OR CONSENT OF INSTR			
1	12.00-01.50	M W	PARK	204	MEDDIN JAY
424	COLLECTIVE BEHAVIOR		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	GSB 321 OR CONSENT OF INSTR			
1	09.00-10.50	T TH	PARK	301	MCGLYNN EDWARD J
435	SOC STRATIFICATION		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	TWO COURSES IN SOC OR CONSENT OF INSTR			
1	02.00-03.50	W F	PARK	204	BURGER THOMAS
451	SOC THGT-ROMAN-REAL		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	TWO COURSES IN SOC OR CONSENT OF INSTR			
1	11.00-12.50	W F	CL	326	BURGER THOMAS
454	SOCIOLOGY OF SCIENC		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	TWO COURSES IN SOC OR CONSENT OF INSTR			
1	02.00-04.30	T	PULL	119	GASTON JERRY
460	SOC OF MEDICINE		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	TWO COURSES IN SOC OR CONSENT OF INSTR			
1	06.30-10.00 PM	TH	WHAM	203	RAINEY MICHAEL L
472	AM CORRECT SYSTEM		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	SOC 372 OR CONSENT OF INSTR			
1	08.00-09.50	T TH	COMM	1017	JOHNSON ELMER
	CROSS-LISTED WITH AJ 472				
473	JUVENILE DELIN		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	TWO COURSES IN SOC OR PSYC OR CONSENT OF INSTR			
1	11.00	TWTHF	PARK	309	ALIX ERNEST K
	CROSS-LISTED WITH AJ 473				
497	SENIOR SEMINAR		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	SR STANDING WITH 20 HRS SOC OR CONSENT OF INSTR			
1	10.00-11.50	T TH	WHAM	301A	SNYDER CHARLES
2	12.00-01.50	W F	WHAM	301A	DUBECK PAULA
498A	INDIVIDUAL RESEARCH		04.0	CR	-(ELECTIVE PASS/FAIL)
	PREREQ	SR STANDING WITH 20 HRS SOC & CONSENT OF INSTR			

1 TO BE ARRANGED  
 498B INDIVIDUAL RESEARCH 04.0 CR -(ELECTIVE PASS/FAIL)  
 PREREQ SR STANDING WITH 20 HRS SOC &  
 CONSENT OF INSTR

1 TO BE ARRANGED  
 498H HONORS IND RESEARCH 01.0 TO 04.0 CR-(ELECTIVE PASS/FAIL)  
 PREREQ CONSENT OF DEPARTMENT

1 TO BE ARRANGED  
 501 SURVEY SOCIOLOG THEO 04.0 CR  
 PREREQ SOC 451 OR CONSENT OF INSTR

1 02.00-04.30 M H EC 3 MUNCH PETER ANDREAS  
 504 SEM-AMERICAN SOC 04.0 CR  
 PREREQ SOC 501 OR CONSENT OF INSTR

1 02.00-04.30 T FANER 2205 GASTON JERRY  
 521 SEM SOC PSYCH 04.0 CR  
 PREREQ SOC 426

1 01.00-02.50 T F H EC 3 ROSSEL ROBERT  
 526A QUANT METH IN SOC 04.0 CR  
 1 10.00 M CL 109 HAWKES ROLAND K  
 10.00-11.50 W CL 25 HAWKES ROLAND K  
 537 SOCIOLOGY OF LAW 04.0 CR  
 PREREQ 15 HRS OF SOC OR CONSENT OF  
 INSTR

1 02.00-04.30 W CL 25 ALIX ERNEST  
 542 SEM FAMILY 04.0 CR  
 PREREQ 15 HRS SOC, INCLUDING SOC 340,  
 OR CONSENT OF INSTR

1 09.00-11.30 T WHAM 326 LANTZ HERMAN R  
 591 INDIVIDUAL RESEARCH 02.0 TO 06.0 CR  
 PREREQ CONSENT OF INSTR AND DEPT  
 CHAIRMAN

1 TO BE ARRANGED  
 596 READINGS IN SOC 02.0 TO 12.0 CR  
 PREREQ CONSENT OF INSTR AND DEPT  
 CHAIRMAN

1 TO BE ARRANGED  
 599 THESIS 02.0 TO 09.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN

1 TO BE ARRANGED  
 600 DISSERTATION 01.0 TO 48.0 CR  
 PREREQ CONSENT OF DEPT CHAIRMAN

1 TO BE ARRANGED

#### SP E Special Education

400 EXCEPTIONAL CHILD 04.0 CR  
 PREREQ PSYC 301 OR 303 OR CONSENT OF  
 INSTR & DEPT CHAIRMAN

1 01.00 MTWTH TECH A 111  
 AFTER OCT 26 INDIVID SCHED FOR COMPUTER  
 ASSIST INSTR

2 06.00-09.30 PM TH WHAM 308  
 GRAD STUDENTS ONLY IN SECTION 2

410A PROB & CHAR BEH DIS 04.0 CR  
 PREREQ 400 OR CONSENT OF INSTR OR &  
 DEPT CHAIRMAN

1 06.00-09.30 PM T LAWSON 101  
 410B PROB CHAR MENT RET 04.0 CR  
 PREREQ 400 OR CONSENT OF INSTR

1 09.00-10.50 M PULL 34 STEPHENS WYATT E  
 09.00-10.50 W LAWSON 231

410C PROB CHAR GIFT CHLD 04.0 CR  
 PREREQ PSYC 301 OR 303 OR CONSENT OF  
 INSTR

1 06.00-09.30 PM T WHAM 326 CASEY JOHN P  
 410E PROB CHAR LRNG DIS 04.0 CR  
 PREREQ 400 AND CONSENT OF INSTR AND  
 DEPT CHAIRMAN

1 06.00-09.30 PM T PULL 118  
 411 ASS & REMED LRN DIS 04.0 CR  
 PREREQ SP E 400 & CONSENT OF INSTR &  
 DEPT CHAIRMAN



1	11.00-12.50	M W	PULL	118	JOINER LEE M
2	04.00-05.50	M W	PULL	119	JOINER LEE M
413A	DIR OBSER-BEHAV DIS			04.0 CR	
	PREREQ	CONSENT OF INSTR & DEPT CHAIR			
1	01.00-02.50	T TH	WHAM	321	HISAMA TOSHIAKI
413B	DIR OB OF MR CHILD			04.0 CR	
	PREREQ	SP E 410B OR A MAJOR IN SP E			
1	10.00-12.50	T	PULL	118	CAMPBELL ANNE
420A	MET & MAT-BEHAV DIS			04.0 CR	
	PREREQ	410A & CONSENT OF INSTR & DEPT CHAIRMAN			
1	04.00-05.50	M W	PULL	118	JUUL KRISTEN D
420B	METH & MAT TEACH MR			04.0 CR	
	PREREQ	TAKEN QTR PRIOR TO STUD TEACH & CONSENT OF INSTR			
1	04.00-05.50	M W	WHAM	305	RAINEY DAN S
420E	METH MAT LRNG DIS			04.0 CR	
	PREREQ	410E & CONSENT OF INSTR & DEPT CHAIRMAN			
1	06.00-09.30 PM	W	WHAM	305	
496	READ & INDEP STUDY			02.0 TO 08.0 CR	
	PREREQ	400 & CONSENT OF STAFF & DEPT CHAIRMAN			
1	TO BE ARRANGED				
2	TO BE ARRANGED				
	ABOVE SECT-EARLY CHILD ED OF HANDICAPPED -CAI				
501B	SP RESEARCH PROB			04.0 CR	
	PREREQ	CONSENT OF DEPT			
1	TO BE ARRANGED				
513	ORG ADM SP CLASSES			04.0 CR	
	PREREQ	400 & CONSENT OF INSTR			
1	06.00-09.30 PM	TH	WHAM	206	MORGAN HOWARD G
517	ATYP CHILD SOC AGEN			04.0 CR	
	PREREQ	400 OR CONSENT OF INSTR & DEPT CHAIRMAN			
1	06.00-09.30 PM	W	WHAM	112	MORGAN HOWARD G
577	PRACTICUM IN SP ED			04.0 TO 12.0 CR	
	PREREQ	SP E 410A,B,C, OR E & CONSENT OF STAFF			
1	TO BE ARRANGED				
590	ED CH WITH MEN DEV			04.0 CR	
	PREREQ	CONSENT OF INSTR			
1	01.00-03.50	T	WHAM	326	STEPHENS WYATT E
	RESTR TO POSTMASTERS STUDENTS				
596	INDEP INVESTIGATION			04.0 TO 08.0 CR	
	PREREQ	CONSENT OF STAFF & DEPT CHAIR			
1	TO BE ARRANGED				
599	THESIS			02.0 TO 09.0 CR	
1	TO BE ARRANGED				
600	DISSERTATION			01.0 TO 48.0 CR	
1	TO BE ARRANGED				

### SP & A Speech Pathology and Audiology

100	SPEECH CLINIC			00.0 TO 02.0 CR	
	PREREQ	CONSENT OF INSTR			
1	TO BE ARRANGED				
104	TRAINING SPK VOICE			04.0 CR	HALL DONALD
1	08.00	MT THF	COMM	1006	
2	10.00	MT THF	COMM	1006	MONCUR JOHN P
200	PHONETICS			04.0 CR	
1	TO BE ARRANGED				
2	02.00	MT THF	COMM	1006	BLACHE STEPHEN
3	02.00	MT THF	COMM	1021	
205	INTRO TO SPCH PATH			04.0 CR	
1	08.00	MT THF	COMM	1021	
206	DIRECTED OBSERVAT			01.0 CR	
	PREREQ	CONCURRENT ENROLLMENT IN SP&A 205			
1	09.00-04.00	MTWTHF	WHAM	145B	

303	LANG DEVEL & DISORD	04.0 CR			
	PREREQ SP&A 200 OR CONCURRENT ENROLL				
1	11.00 MT THF COMM 1006			ANDERSON JOHN	
316	INTRO TO AUDIOLOGY	04.0 CR			
	PREREQ JUNIOR STANDING				
1	09.00 MT THF COMM 1006			DYBKA MICHAEL	
2	09.00 MT THF AG 224			COPELAND ALFRED	
400	IND STUDY-SP&A	01.0 TO 04.0 CR			
	PREREQ CONSENT OF DEPARTMENT CHAIRMAN				
1	TO BE ARRANGED				
401	DIAG PROC-SPCH PATH	04.0 CR			
	PREREQ 200 AND 314				
1	08.00 MT THF COMM 1007			HALL DONALD E	
428	SP CORR FOR CL TCH	04.0 CR			
	PREREQ PRACTISING TEACHER, SR OR GRAD IN EDUC				
1	03.00 MT THF COMM 1006			HOSHIKO MICHAEL	
2	03.00 MT THF COMM 1021				
430	CLINIC ARTICULATION	02.0 TO 04.0 CR			
	PREREQ SP&A 302				
1	TO BE ARRANGED			HALL DONALD E	
431	CLINIC PRACT LANG	02.0 TO 04.0 CR			
	PREREQ SP&A 303				
1	TO BE ARRANGED			HALL DONALD E	
432	CLIN-HEARING REHAB	02.0 TO 04.0 CR			
	PREREQ 316, 406, AND 419				
1	TO BE ARRANGED			DYBKA MICHAEL	
435	SPCH & LANG DIAG	02.0 TO 04.0 CR			
	PREREQ SP&A 302,303 AND 401				
1	TO BE ARRANGED			HALL DONALD E	
436	CLIN-HEARING DIAGNO	02.0 TO 04.0 CR			
	PREREQ 316 AND 406				
1	TO BE ARRANGED			DYBKA MICHAEL	
509	RES DES-HEAR-SP PAT	04.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	01.00 MT THF COMM 1006			BRUTTEN EUGENE	
510	STUTTER-BEHA ASSESS	04.0 CR			
	PREREQ SP&A 319 OR CONSENT				
1	02.00-03.50 T F COMM 1009			BRUTTEN EUGENE	
512	SEM - PHONOLOGY	04.0 CR			
	PREREQ CONSENT				
1	04.00-05.50 T F COMM 1009			BLACHE STEPHEN E	
515	READINGS IN SP&A	01.0 TO 04.0 CR			
	PREREQ ADVANCED STANDING				
1	TO BE ARRANGED				
518	SEM-PHYSL ACOUS-EAR	04.0 CR			
	PREREQ SP&A 316 AND 406				
1	10.00-11.50 M TH COMM 1009			COPELAND ALFRED	
523	VOICE DISORDERS	04.0 CR			
	PREREQ SP&A 318 OR EQUIVALENT				
1	TO BE ARRANGED			HALL DONALD E	
524	SEM-LANG DISORDERS	04.0 CR			
	PREREQ SP&A 303 OR 545				
1	01.00-02.50 M TH COMM 1009			PACE SUE A	
525	ADV AUDIOLOGY I	04.0 CR			
	PREREQ 316 AND 406				
1	02.00-03.50 M TH COMM 1007			DYBKA MICHAEL	
530	RES PROB IN SP&A	01.0 TO 04.0 CR			
	PREREQ ADVANCED STANDING				
1	TO BE ARRANGED				
532	CLIN-FLUENCY DISORD	02.0 TO 04.0 CR			
	PREREQ 510 AND 511				
1	TO BE ARRANGED			BRUTTEN EUGENE	
534	SEM-INSTRUMENTATION	04.0 CR			
1	10.00-11.50 T F COMM 1009			HOSHIKO MICHAEL	
535	CLIN-C PALS & APHA	02.0 TO 04.0 CR			
	PREREQ 541				
1	TO BE ARRANGED			HALL DONALD E	
536	ADMIN SP & HEAR PRO	04.0 CR			
1	TO BE ARRANGED			ANDERSON & HALL	

540 NEUROANAT & PHSL 04.0 CR  
 PREREQ SP&A 314  
 1 03.00-04.50 M TH COMM 1009 PACE SUE A  
 599 THESIS 02.0 TO 09.0 CR  
 1 TO BE ARRANGED  
 600 DISSERTATION 01.0 TO 48.0 CR  
 1 TO BE ARRANGED

**SPAN Spanish**

140A SPAN CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 140A  
 1 09.00 M FANER 1030  
 2 09.00 TH FANER 1030  
 3 10.00 TH FANER 1024  
 4 10.00 M PULL 39  
 5 11.00 W FANER 2010  
 6 11.00 TH FANER 1024  
 7 12.00 M FANER 2008  
 8 12.00 W FANER 2008  
 9 01.00 T FANER 1030  
 10 01.00 M COMM 1021  
 11 02.00 TH FANER 1028  
 12 02.00 M WHAM 307  
 13 03.00 TH FANER 1028  
 14 03.00 T FANER 2006

140B SPAN CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 140B  
 1 10.00 T FANER 2008  
 2 11.00 M H EC 120

140C SPAN CONVERSATION 01.0 CR  
 PREREQ CONCURRENT GSC 140C  
 1 11.00 W FANER 2008  
 2 12.00 W FANER 1128  
 3 01.00 T FANER 3113

201A INTERMED SPANISH 03.0 CR  
 PREREQ GSC 140 OR 2 YRS H.S. SPAN OR EQUIV  
 1 08.00 M W F FANER 1030  
 2 09.00 M W F FANER 1032  
 3 09.00 M W F FANER 1026  
 4 10.00 M W F FANER 1032  
 5 11.00 M W F WHLR 203  
 6 01.00 MT TH FANER 1026  
 7 02.00 MT TH FANER 1026  
 8 03.00 MT TH FANER 1026

ABOVE SECTIONS-1 HR LAB PER WEEK TBA

201B INTERMED SPANISH 03.0 CR  
 PREREQ SPAN 201A  
 1 12.00 M WTH FANER 1032

ABOVE SECT-1 HR LAB PER WEEK TBA

201C INTERMED SPANISH 03.0 CR  
 PREREQ SPAN 201B  
 1 01.00 MT TH FANER 1024  
 2 01.00 MT TH FANER 2010

ABOVE SECTIONS-1 HR LAB PER WEEK TBA

220A INTER SPAN CONVER 02.0 CR  
 PREREQ GSC 140 OR 2 YRS H.S. SPAN OR EQUIV

1 09.00 T TH FANER 1128  
 2 10.00 W F FANER 1124  
 3 11.00 T TH WHLR 203  
 4 12.00 M W FANER 1132

220B INTER SPAN CONVER 02.0 CR  
 PREREQ SPAN 220A  
 1 02.00 M W FANER 2006

220C INTER SPAN CONVER 02.0 CR  
 PREREQ SPAN 220B  
 1 01.00 M W H EC 3

288A SPAN- RESEARCH TOOL 03.0 CR  
 1 01.00 MT TH FANER 1126 BROWN SANDRA



288B	SPAN- RESEARCH TOOL		03.0 CR		
1	12.00	MT TH	FANER 1128		
288C	SPAN- RESEARCH TOOL		03.0 CR		
1	02.00	MTW	FANER 1126		
301	INTERMED READINGS		03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ 201C OR EQUIV				
1	12.00	M W F	WHLR 107	ULNER ARNOLD	
305	ADV CONVERSATION		03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ 201C, 220C				
1	09.00	M W F	GYM 204	ULNER ARNOLD ROLAND	
310A	SURVEY SPANISH LIT		03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ SPAN 301-3				
1	09.00	MT TH	H EC 104	BROWN SANDRA	
320A	ADV GRAM AND COMP		03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ 201C OR EQUIV				
1	08.00	M W F	FANER 1032	ULNER ARNOLD ROLAND	
2	10.00	M W	PULL 118	HARTMAN LEE	
	10.00	F	PULL 41		
333A	SURV SPAN AMER LIT		03.0 CR	-(ELECTIVE PASS/FAIL)	
	PREREQ SPAN 301-3				
1	10.00	M W F	WHLR 212	MEINHARDT WARREN	
2	01.00	M W F	WHAM 212	BORK ALBERT W	
401	SP NOVEL 19TH CENT		03.0 CR	-(ELECTIVE PASS/FAIL)	
1	09.00	M W F	PARK 301	MCBRIDE CHARLES A	
415	LING STRUCT OF SPAN		04.0 CR	-(ELECTIVE PASS/FAIL)	
1	12.00	MTWTH	FANER 1126	CANFIELD D LINCOLN	
423	MEX NOVEL 20TH CENT		03.0 CR	-(ELECTIVE PASS/FAIL)	
1	11.00	MTW F	FANER 1024	MEINHARDT WARREN L	
445	CERVANTES		04.0 CR	-(ELECTIVE PASS/FAIL)	
1	03.00	MTWTH	FANER 1126	BROWN SANDRA	
490	READINGS IN SPAN	01.0 TO 06.0 CR	-(ELECTIVE PASS/FAIL)		
	PREREQ PERMISSION OF DEPT				
1	TO BE ARRANGED			ANDERSON VERNON	
500	SEMINAR LAT AM FICT	02.0 TO 06.0 CR			
1	02.00	T TH	FANER 3113	MEINHARDT WARREN L	
501	SEMINAR SP AUTHOR	02.0 TO 06.0 CR			
1	11.00	T TH	FANER 3113	WOODBIDGE HENSLEY	
502	SEM-HISPANIC LING	03.0 CR			
1	01.00	M W F	FANER 3113	HARTMAN LEE	
520	SEMINAR IN SYNTAX	03.0 CR			
1	10.00	M WTH	FANER 3113	CANFIELD D LINCOLN	
536A	TCH COLLEGE SPAN	01.0 CR			
1	10.00	F	FANER 1028	ANDERSON KEITH O	
599	THESIS	02.0 TO 09.0 CR			
1	TO BE ARRANGED			CANFIELD LINCOLN	

Prospective teachers see FL 453 for listing of methods of teaching modern Foreign Languages.

### SPCH Speech

102	PUBLIC SPEAKING		04.0 CR		
	PREREQ GSD 103				
1	02.00	MTWTH	COMM 1017	HIBBS RICHARD PAUL	
201	PARLIAMENTARY LAW		02.0 CR		
1	03.00	T TH	COMM 1018		
202	PRIN OF DISCUSSION		03.0 CR		
1	11.00	MT TH	COMM 1022	POTTER DAVID	
2	02.00	W F	AG 150		
	02.00	TH	AG 144		
203	INTERPERSONAL COMM		04.0 CR		
	PREREQ GSD 103 OR EQUIV				
1	04.00-05.50	M W	COMM 1018	SMITH WILLIAM DAVID	
2	04.00-05.50	T TH	COMM 2012	JENNINGS RUSSELL W	
205	ARGUMENT DEBATE		04.0 CR		
1	02.00-03.50	M W	COMM 1022	KLEINAU MARVIN DALE	
2	02.00-03.50	T TH	COMM 1022	KLEINAU MARVIN DALE	
209	FORSENIC ACTIVITIES		01.0 CR		
	PREREQ CONSENT OF INSTRUCTOR				
1	04.00-05.30	MTWTH	COMM 1021	KLEINAU MARVIN DALE	
222	INTRO TO SPEECH ED		02.0 CR		
	PREREQ GSD 152 OR 153, GSC 200-NOT MORE THAN 12HRS SPCH				

1	02.00	T TH	COMM 1018	NORWOOD ELIZABETH R
301	PERSUASION		04.0 CR	
1	12.00-01.50	M W	COMM 2012	SANDERS KEITH R
303	BUS PROF SPEAKING		04.0 CR	
1	10.00	MTWTH	COMM 1022	WILEY RAYMOND D
309	FORSENIC ACTIVITIES		01.0 CR	
	PREREQ	CONSENT OF INSTRUCTOR		
1	04.00-05.30	MTWTH	COMM 1021	KLEINAU MARVIN DALE
313	SPEECH COMPOSITION		04.0 CR	
	PREREQ	SPCH 102		
1	01.00	TWTHF	COMM 1021	
323	ORAL INTERP II		04.0 CR	
	PREREQ	GSC 200 OR CONSENT OF INSTR		
1	09.00-10.50	M W	COMM 1020	FISH ROBERT S
	10.00	TH	COMM 1020	
2	11.00-12.50	M W	COMM 1020	KLEINAU MARION L
	11.00	TH	COMM 1020	KLEINAU MARION L
331	PUB POLICIES & PRCT		04.0 CR	
	PREREQ	JR STANDING		
1	12.00	M W	COMM 1017	WILEY RAYMOND D
	12.00	T TH	LAWSON 221	
406	TCHG SEC SCHL SPCH		04.0 CR	
	PREREQ	16 HRS OF SPCH		
1	10.00-11.50	T TH	TECH A 220	NORWOOD ELIZABETH R
407A	AMER PUBLIC ADDRESS		04.0 CR	
1	10.00-11.50	T TH	COMM 2012	
422	ORAL INTERP PROSE		04.0 CR	
	PREREQ	GSC 200, SPCH 323 OR CONSENT OF INSTRUCTOR		
1	07.35-09.15 PM	M W	COMM 1020	FISH ROBERT S
425	TECH DISC LDRSHIP		03.0 CR	
1	02.00-03.30	T TH	AG 222	POTTER DAVID J
428	COMM THEORIES & MOD		04.0 CR	
1	02.00-03.50	M W	COMM 1018	JENNINGS RUSSELL W
430	INDEPENDENT STUDY		02.0 TO 04.0 CR	
	PREREQ	12 HRS SPCH & CONSENT OF INSTR		
1	TO BE ARRANGED			
431	INTERN-PRACT IN PR		02.0 TO 12.0 CR	
	PREREQ	SR, SPCH 331, MGT 340, MKTG 301, 363, JRNL 370		
1	TO BE ARRANGED			WILEY RAYMOND D
434B	CHAMBER THEATRE		04.0 CR	
	PREREQ	SPCH 323		
1	02.00-03.50	M W	COMM 2014	KLEINAU MARION L
445A	LANGUAGE BEHAVIOR		04.0 CR	
1	10.00-11.50	M W	AG 222	HIGGINBOTHAM DOROTHY
450A	LAB INTERPER COM		04.0 CR	
1	10.00-11.50	M W	COMM 1018	PACE THOMAS J
2	02.00-03.50	T TH	COMM 2012	PACE THOMAS J
500	SURV CLASSICAL RHET		04.0 CR	
1	10.00-11.50	M W	COMM 2012	
501	ORAL LANG-EARLY LEV		04.0 CR	
1	10.00-11.50	T TH	NKRS A 458	HIGGINBOTHAM DOROTHY
511A	TEACH COLL SPEECH		02.0 CR	
1	07.00-10.00 PM	T	COMM 2012	SMITH WILLIAM DAVID
	MUST TAKE CONCURRENTLY WITH	SPCH 511B		
511B	TEACH COLL SPEECH		02.0 CR	
1	07.00-10.00 PM	T	COMM 2012	SMITH WILLIAM DAVID
	MUST TAKE CONCURRENTLY WITH	SPCH 511A		
530	RESEARCH PROBLEMS		01.0 TO 04.0 CR	
1	TO BE ARRANGED			
	RESTRICTED TO CONSENT OF INSTRUCTOR			
532A	RESEARCH IN SPEECH		02.0 CR	
1	01.00	T TH	COMM 1018	
532B	RESEARCH IN SPEECH		02.0 CR	
1	02.00	T TH	NKRS A 458	
599	THESIS		02.0 TO 09.0 CR	
1	TO BE ARRANGED			MICKEN RALPH A
600	DISSERTATION		01.0 TO 48.0 CR	
1	TO BE ARRANGED			MICKEN RALPH A

**SW Social Welfare**

375	SW AS A SOC INSTIT		04.0 CR		
1	09.00	T TH	0720 109	ROSEN ANITA L	
	09.00	W F	WHAM 302		
2	11.00	T TH	LS II 146	ROSEN ANITA L	
	11.00	W F	FANER 1136		
3	02.00	M	TECH A 208	ROBERTS TERRENCE	
	02.00	TWTH	TECH D 131		
383	INTRO INTERVIEWING		04.0 CR		
1	10.00	MT THF	FANER 1005	BROWN FOSTER S	
2	01.00	MTWTH	WHAM 201	ROBERTS TERRENCE J	
3	05.45-07.25	T TH	COMM 1006	ROBERTS TERRENCE J	
396	READINGS	01.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
460	METH OF SOCIAL RES		04.0 CR		
	PREREQ STATISTICS				
1	10.00	M W	H EC 201		
	10.00	T TH	H EC 122		
2	02.00-03.50	T	H EC 203		
	02.00-03.50	TH	H EC 120		
481A	PROC IN SOC WORK		04.0 CR		
	PREREQ SW 375				
1	01.00-02.50	T TH	TECH A 420	BRELJE MARTHA ELAINE	
481B	PROC IN SOC WORK		04.0 CR		
	PREREQ SW 481A				
1	02.00-03.50	T TH	H EC 122	ROSEN ANITA L	
482	SOC WK-SEL AGENCIES		08.0 CR		
	PREREQ 481 AND CONSENT OF INSTRUCTOR				
1	05.45-07.25	M	COMM 1006	BROWN FOSTER S JR	
485	INTEG METH-SOC WORK		04.0 CR		
	PREREQ 481 AND 482				
1	10.00-11.50	T	H EC 118	BRELJE MARTHA	
	10.00-11.50	TH	H EC 102		
490	SEM- PROB & ISSUES		04.0 CR		
	PREREQ SW 481A & B				
1	05.45-07.25	T TH	WHAM 303		
491	COMPAR SW SYSTEMS		03.0 CR		
	PREREQ SW 375				
1	05.45-07.25	M W	COMM 2012	AVERBACH ARNOLD	
496	INDEPEND RES IN SW	01.0 TO 06.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	TO BE ARRANGED				

**THEA Theater**

111A	STAGING TECHNIQUES		03.0 CR		
1	09.00	M W F	COMM 1037	SCHACKE ROBERT	
	03.00-04.50	M	COMM 1057	SCHACKE ROBERT	
2	09.00	M W F	COMM 1037	SCHACKE ROBERT	
	03.00-04.50	W	COMM 1057	SCHACKE ROBERT	
3	09.00	M W F	COMM 1037	SCHACKE ROBERT	
	03.00-04.50	F	COMM 1057	SCHACKE ROBERT	
111B	STAGING TECHNIQUES		03.0 CR		
1	12.00	M W F	COMM 1045	SCHACKE ROBERT	
	03.00-04.50	T	COMM 1057	SCHACKE ROBERT	
2	12.00	M W F	COMM 1045	SCHACKE ROBERT	
	03.00-04.50	TH	COMM 1057	SCHACKE ROBERT	
111C	STAGING TECHNIQUES		03.0 CR		
1	03.00	MTWTHF	COMM 2041		
207	FUNDS OF THEA DES		04.0 CR -(ELECTIVE PASS/FAIL)		
1	10.00	MT THF	COMM 1017	PAYNE DARWIN R	
213	STAGE MOVEMENT		03.0 CR		
1	12.00	MTWTHF	PULL 42	LOGAN MOIRA J	
217	ACTING		04.0 CR -(MANDATORY PASS/FAIL)		
1	01.00-02.50	T TH	COMM 1045	RAPHAEL JAY	
2	01.00	M W	COMM 1045	LOGAN MOIRA	
	01.00-02.50	F	COMM 1045		
230A	BEGIN TECH BALLET		02.0 CR		
1	02.00-03.30	M W	GYM 206	LOGAN MOIRA J	
	CROSSLISTED WITH PEM&PEW 230A				



230B	INTERMED&ADV BALLET	02.0 TO 22.0 CR			
	PREREQ THEA 230A OR CONSENT OF INSTR				
1	03.00-04.30	T TH	GYM	206	LOGAN MOIRA J
	CROSSLISTED WITH PEM&PEW-230B				
240	THEO-TECH CONT DNCE	02.0 TO 24.0 CR			
1	10.00-11.30	TWTHF	PULL	42	GORDON LONNY J
	CROSSLISTED WITH PEW 240				
311	ANAL-INTRO PLAYWRIT	04.0 CR			
	PREREQ ONE CRSE-DRAMATIC LITERATURE & CONSENT OF INSTR				
1	09.00	MTW F	COMM	2042	MOE CHRISTIAN H
312	HIST & PHIL DANCE	04.0 CR			
1	01.00	MTWTH	PULL	42	GORDON LONNY
	CROSSLISTED WITH PEW 312				
317	INTERMEDIATE ACTING	04.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ THEA 217				
1	10.00-11.50	M W	COMM	1037	STEWART-HARRISON EEL
318	ADVANCED STAGECRAFT	02.0 CR			
	PREREQ THEA 111A				
1	11.00	MTWTH	COMM	2042	
322	THEATRE PRACTICUM	02.0 TO 14.0 CR			
1	08.00-11.00	MTWTHF	COMM	1037	MCLEOD ARCHIBALD
	12.00-05.00	MTWTHF	COMM	1037	MCLEOD ARCHIBALD
354A	HIST OF THE THEATRE	03.0 CR			
1	12.00	M W F	LAWSON	221	
402A	PLAY DIRECTING	04.0 CR			-(ELECTIVE PASS/FAIL)
1	09.00	MTWTH	PULL	42	GORDON LONNY
	ABOVE SEC FOR SPCH STUDENTS ONLY				
2	03.00	MTWTH	COMM	1045	RICKNER ROBERT
402B	PLAY DIRECTING	04.0 CR			-(ELECTIVE PASS/FAIL)
1	10.00	T TH	COMM	1037	RICKNER ROBERT
	10.00-11.50	F	COMM	1037	
407	SOUND IN THE THEA	02.0 CR			
	PREREQ THEA 111B OR CONSENT OF INSTR				
1	09.00	T TH	COMM	2042	
409	H S THEATRE	04.0 CR			
1	11.00	TWTH	AG	152	
	11.00	F	COMM	1018	
412A	STAGE DESIGN	04.0 CR			-(ELECTIVE PASS/FAIL)
	PREREQ THEA 207				
1	12.00	MTWTH	COMM	2042	PAYNE DARWIN
417	ADVANCED ACTING	04.0 CR			-(MANDATORY PASS/FAIL)
	PREREQ THEA 217 & 317				
1	01.00-02.50	T TH	COMM	1037	STEWART-HARRISON EEL
502	ADVANCED DIRECTING	04.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	01.00-02.50	M W	COMM	1037	RICKNER ROBERT
503A	SCENE DESIGN	04.0 CR			
	PREREQ CONSENT OF DEPT & GRAD STANDING				
1	11.00	MTW F	COMM	2041	PAYNE DARWIN R
504	THE COMIC THEATRE	04.0 CR			
1	03.00-04.50	M W	COMM	1017	MOE CHRISTIAN H
517	GRAD PRACT-ACTING	04.0 TO 12.0 CR			
	PREREQ THEA 417 OR EQUIV & PERMISSION OF INSTR				
1	09.00	TWTHF	COMM	1045	RAPHAEL JAY
519	THEATRE PRACTICUM	01.0 TO 12.0 CR			
1	08.00-11.00	MTWTHF	COMM	1037	MCLEOD ARCHIBALD
	12.00-05.00	MTWTHF	COMM	1037	MCLEOD ARCHIBALD
526	SEM IN THEATRE ARTS	03.0 TO 12.0 CR			
	PREREQ GRAD STANDING & CONSENT OF DEPARTMENT				
1	09.00-11.50	S	COMM	2012	MCLEOD ARCHIBALD
530	RESEARCH PROBLEMS	01.0 TO 04.0 CR			
1	TO BE ARRANGED				MOE CHRISTIAN H
599	THESIS	01.0 TO 09.0 CR			
1	TO BE ARRANGED				MOE CHRISTIAN H

UNIV	University							
240	PRIVATE PILOT				04.0 CR			
1	12.00	M W F	FLIGHT	17	KETRING JOHN E			
	TO BE ARRANGED							
	FLIGHT TIME TBA							
2	04.00	M W F	FLIGHT	17	KETRING JOHN E			
	TO BE ARRANGED							
	FLIGHT TIME TBA							
241	BASIC FLIGHT				03.0 CR			
	PREREQ UNIV 240 OR PRIVATE LICENSE							
1	12.00	T TH	FLIGHT	17	KETRING JOHN E			
	TO BE ARRANGED							
242	INTERMEDIATE FLIGHT				03.0 CR			
	PREREQ UNIV 241							
1	01.00	T TH	FLIGHT	17	KETRING JOHN E			
	TO BE ARRANGED							
	FLIGHT TIME TBA							
243	ADVANCED FLIGHT				03.0 CR			
	PREREQ UNIV 242							
1	02.00	T TH	FLIGHT	17	KETRING JOHN E			
	TO BE ARRANGED							
	FLIGHT TIME TBA							
244	INSTRUMENT FLIGHT				04.0 CR			
	PREREQ UNIV 243 OR COMMERCIAL PILOT							
	CERTIFICATE							
1	01.00	M W F	FLIGHT	17	KETRING JOHN E			
	TO BE ARRANGED							
	FLIGHT TIME TBA							
245	FLT INSTR-AIRPLANE				03.0 CR			
	PREREQ COMMERCIAL PILOT CERTIFICATE							
1	TO BE ARRANGED				KETRING JOHN E			
246	FLT INSTR- INST				01.0 CR			
	PREREQ FLT INST & COMM PILOT CERTIFIC							
	ATE WITH INST RATING							
1	TO BE ARRANGED				KETRING JOHN E			
247	MULTI-ENG PILOT				01.0 CR			
	PREREQ PRIVATE OR COMMERCIAL PILOT CE							
	RTIFICATE							
1	TO BE ARRANGED				KETRING JOHN E			
248	TRANSPORT PILOT				03.0 CR			
	PREREQ COMPLETION OF FAA REQUIREMENTS							
	PER FAR 61							
1	TO BE ARRANGED				KETRING JOHN E			
300	STUDENT GOVERNANCE				03.0 CR	-(MANDATORY PASS/FAIL)		
1	TO BE ARRANGED							
2	TO BE ARRANGED							

## ZOOL Zoology

300	VERT EMBRYOLOGY				05.0 CR			
	PREREQ CONSENT OF INSTRUCTOR							
1	11.00	M W F	LS II	303	HAAS HERMANN J			
	10.00-11.50	T TH	LS II	303				
317A	DIVERSITY OF ANIMAL				05.0 CR			
	PREREQ GSA 115A,B							
1	02.00	T TH	LAWSON	131	BLACKWELDER R E			
	08.00-09.50	M W F	LS II	251				
2	02.00	T TH	LAWSON	131	BLACKWELDER R E			
	01.00-02.50	M W F	LS II	251				
3	02.00	T TH	LAWSON	131	BLACKWELDER R E			
	10.00-11.50	M W F	LS II	251				
317B	DIVERSITY OF ANIMAL				05.0 CR			
	PREREQ ZOOL 317A							
1	09.00	T TH	LAWSON	131	GEORGE WILLIAM			
	08.00-09.50	M W F	LS II	253				
2	09.00	T TH	LAWSON	131	GEORGE WILLIAM			
	01.00-02.50	M W F	LS II	253				
3	09.00	T TH	LAWSON	131	GEORGE WILLIAM			
	10.00-11.50	M W F	LS II	253				
322	PROBLEMS IN ZOOLOGY				02.0 TO 05.0 CR			
	PREREQ 4.25 GPA, SENIOR STANDING, AND							
	DEPT OR FAC APPROVAL							

1	TO BE ARRANGED					
382	ZOOLOGY SENIOR SEMINAR			01.0 CR	-(MANDATORY PASS/FAIL)	
	PREREQ	SENIOR STANDING				
1	11.00	T	LS II	330	FISHER H I	
2	01.00	M	LS II	330	FISHER H I	
3	01.00	F	LS II	330	FISHER H I	
4	03.00	TH	LS II	330	FISHER H I	
5	04.00	M	LS II	330	FISHER H I	
402	NAT HIST INVERT			04.0 CR		
	PREREQ	ONE YEAR ZOOOL INCLUDING 317A				
1	01.00	M W	LS II	350	BEATTY JOSEPH ALBERT	
	10.00-11.50	T TH	LS II	304		
2	01.00	M W	LS II	350	BEATTY JOSEPH ALBERT	
	01.00-02.50	T TH	LS II	304		
404	ZOOLOGY FIELD STUD			02.0 TO 12.0 CR		
	PREREQ	CONSENT OF INSTR				
1	TO BE ARRANGED					
407	PARASITOLOGY			05.0 CR		
	PREREQ	ZOOOL 317A				
1	01.00	T TH	LS II	350	DYER WILLIAM G	
	03.00-04.50	M W F	LS II	369		
2	01.00	T TH	LS II	350		
	01.00-02.50	M W F	LS II	369		
409	HISTOLOGY			05.0 CR		
	PREREQ	15 HRS BIOLOGICAL SCIENCE				
1	10.00	M W F	LS II	350	MARTAN JAN	
	10.00-11.50	T TH	LS II	381		
2	10.00	M W F	LS II	350	MARTAN JAN	
	01.00-02.50	T TH	LS II	381		
410	VERT PALEONTOLOGY			05.0 CR		
1	09.00	MTWTH	LS II	256	GALBREATH EDWIN C	
	10.00	M W	LS II	256	GALBREATH EDWIN C	
415	LIMNOLOGY			04.0 CR		
	PREREQ	ZOOOL 317A				
1	09.00	T TH	LS II	350	STAHL JOHN B	
	08.00-11.50	F	LS II	304		
2	09.00	T TH	LS II	350	STAHL JOHN B	
	01.00-04.50	F	LS II	304		
463	WILDLIFE MANAGEMENT			04.0 CR		
	PREREQ	15HRS BIOL SCIENCE OR CONSENT OF INSTR				
1	03.00	M W	LS I	133		
	08.00-11.50	T	LS II	310		
2	03.00	M W	LS I	133		
	01.00-04.50	TH	LS II	310		
3	03.00	M W	LS I	133		
	08.00-11.50	TH	LS II	310		
4	03.00	M W	LS I	133		
	01.00-04.50	TH	LS II	310		
5	03.00	M W	LS I	133		
	08.00-11.50	F	LS II	310		
6	03.00	M W	LS I	133		
	01.00-04.50	F	LS II	310		
466	FISH MANAGEMENT			04.0 CR		
	PREREQ	15 HRS OF BIOLOGICAL SCIENCE, CONSENT OF INSTRUCTOR				
1	11.00	M W	LS II	330	HEIDINGER ROY C	
	01.00-04.50	F	LS II	325	HEIDINGER ROY C	
514	ADVANCED ENTOMOLOGY			04.0 CR		
	PREREQ	ZOOOL 471				
1	02.00	T TH	LS II	330	MCPHERSON JOHN E	
	02.00-03.50	M W	LS II	304	MCPHERSON JOHN E	
525	CYTOLOGY			05.0 CR		
	PREREQ	CONSENT OF INSTRUCTOR				
1	03.00	M W F	LS II	450	SUNDBERG	
	03.00-04.50	T TH	LS II	404		
573	PHSL ECOLOGY			04.0 CR		
	PREREQ	BIOL 307 OR EQUIV AND CONSENT OF INSTR				
1	08.00	T TH	LS II	430	LEFEBVRE E	
	09.00-12.50	TH	LS II	325		



578	POPULATION GENETICS	04.0 CR			
	PREREQ CONSENT OF INSTRUCTOR				
1	02.00 MTWTH LS II	320	ENGLERT DUWAYNE		
581	ZOOLOGICAL LIT	03.0 CR			
	PREREQ GRAD STATUS IN A BIOLOGICAL SCIENCE				
1	12.00 M W F LS II	330	BRANDON RONALD A		
582	GRAD ZOO SEMINAR	01.0 CR			
	PREREQ CONSENT OF INSTRUCTOR & DEPT				
1	TO BE ARRANGED				
583A	TEACH ZOO COLL	01.0 CR			
	PREREQ GRAD STATUS IN A BIO SCIENCE				
1	05.00 W LS II	350	GARDIAN GEORGE		
585C	SEMINAR-ECOSYSTEMS	01.0 TO 03.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED		LEFEBVRE		
585E	SEM-WILDLIFE ECOL	01.0 TO 03.0 CR			
	PREREQ CONSENT OF INSTR				
1	08.00 TWTH LS II	330	KLIMSTRA W D		
585J	SEM-INVERTEBRATE	01.0 TO 03.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED		BEATTY JOSEPH		
596	SPECIAL RESEARCH	01.0 TO 12.0 CR			
	PREREQ CONSENT OF DEPT				
1	TO BE ARRANGED				
599	RESEARCH AND THESIS	01.0 TO 12.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				
600	DISSERTATION	01.0 TO 48.0 CR			
	PREREQ CONSENT OF INSTR				
1	TO BE ARRANGED				

### School of Technical Careers

COURSE & SECTION NO.	TITLE & HOURS	DAYS	BLDG. & RM.	INSTRUCTOR
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#### GSA General Studies Area A—Man's Physical Environment and Biological Inheritance

101	PHYS IN OUR ENVIRON	04.0 CR			
901	12.00 MTWTH	M3	101	HARBISON JAMES L	
902	01.00 MTWTH	M3	101	HARBISON JAMES L	

#### GSB General Studies Area B—Man's Social Inheritance and Social Responsibilities

202	INTRO TO PSYCHOLOGY	04.0 CR			
901	09.00 MTWTH	HI	124	WEAVER DORIS A	
902	10.00 MTWTH	HI	124	WEAVER DORA A	
903	12.00 MTWTH	HI	124	WEAVER DORA A	
904	01.00 MTWTH	HI	124	WEAVER DORIS A	
905	04.00 MTWTH	AVTECH	117	WEAVER DORA A	
203	THE SOC PERSPECTIVE	04.0 CR			
901	12.00 MTWTH	L3	109	WEAVER DORIS A	
212	AM GOVT & POLITICS	04.0 CR			-(ELECTIVE PASS/FAIL)
901	09.00 MTWTH	M1	112	SHIN WANGSHIK	
902	01.00 MTWTH	M1	112	SHIN WANGSHIK	
903	02.00 MTWTH	M1	112	SHIN WANGSHIK	

#### GSD General Studies Area D—Organization and Communication of Ideas

101	ENGLISH COMPOSITION	03.0 CR			
901	08.00 MTW F	H9	101	MORRIS EMILYN SNOW	
	GSD 101-ALL SECTS INCLUDE A 1HR WRITING CLINIC				
902	09.00 MTW F	H9	101	WRIGHT MARY V	

903	10.00	MTW F	H9	101	CROWE CHARLES T
904	10.00	MTW F	H1	127	MORRIS EMILYN SNOW
905	11.00	MTW F	H9	101	WRIGHT MARY V
906	01.00	MTW F	H9	101	MORRIS EMILYN SNOW
907	03.00	MTW F	H9	101	CROWE CHARLES T
908	03.00	MTW F	AVTECH	116	BROWN TERENCE M
909	04.00	MTW F	AVTECH	116	
102	ENGLISH COMPOSITION			03.0 CR	
901	11.00	MTW F	H1	127	CROWE CHARLES T
	GSD 102-ALL SECTS INCLUDE A 1HR WRITING CLINIC				
902	12.00	MTW F	H9	101	WRIGHT MARY V
153	PUBLIC COMM			03.0 CR	
901	10.00	MTWTH	H3	151	ENOCH ROY H
902	12.00	MTWTH	H3	151	ENOCH ROY H
903	02.00	MTWTH	H3	151	WORKUN ARTHUR
904	04.00	MTWTH	AVTECH	106	WORKUN ARTHUR

**MATH Mathematics**

111A	COL ALGEBRA TRIG			05.0 CR	
901	10.00	MTWTHF	M3	103	
902	02.00	MTWTHF	M3	103	

**\*AD Architectural Technology**

110A	ARCHITECT DRAFTING			05.0 CR	
	PREREQ MUST BE TAKEN IN A,B SEQUENCE				
1	08.00-11.50	M W F	M1	101	
2	08.00-11.50	M W F	M1	108	
3	01.00-04.50	M W F	M1	101	
4	01.00-04.50	M W F	H EC	304A	
146A	FREEHAND ARCH GRAPH			03.0 CR	
	PREREQ MUST BE TAKEN IN A,B SEQUENCE				
1	08.00-10.50	T TH	M1	108	
2	08.00-10.50	T TH	M1	101	
3	01.00-03.50	T TH	M1	108	
146B	FREEHAND ARCH GRAPH			03.0 CR	
	PREREQ *AD 146A				
1	01.00-03.50	M W	H EC	304	
147	HISTORY ARCHITECT			03.0 CR	
1	12.00	M W F	M1	112	
221A	ARCHITECTURAL DES			05.0 CR	
	PREREQ *AD 121 OR CONSENT OF ADVISER				
1	08.00-10.50	M W F	M1	113	
2	01.00-03.50	M W F	M1	113	
250A	MAT & METH OF CONST			05.0 CR	
	PREREQ *AD 151 OR CONSENT OF ADVISER				
1	08.00-11.50	T TH	M1	113	
	11.00	W	M1	113	
2	01.00-04.50	T TH	H EC	304	
	11.00	F	WHAM	321	
3	01.00-04.50	T TH	M1	113	
	11.00	W	M1	113	
258	STRUCTURAL ELEMENTS			04.0 CR	
	PREREQ *AD 153 OR CONSENT OF ADVISER				
1	12.00	MT THF	M1	113	

**\*AT Aviation Technology**

110	AIRC STRUCT-FAB&REP			06.0 CR	
1	01.00	MTWTHF	AVTECH	106	KOLKMEYER ROBERT O
	02.00-04.50	T TH	AVTECH	131	KOLKMEYER ROBERT O
2	01.00	MTWTHF	AVTECH	106	KOLKMEYER ROBERT O
	02.00-03.50	M W F	AVTECH	131	KOLKMEYER ROBERT O
111	MATERIALS & PROCESS			05.0 CR	
1	02.00	MTWTHF	AVTECH	106	ELLINGSWORTH DAVID A
	09.00-10.50	M W F	AVTECH	135	ELLINGSWORTH DAVID A
2	03.00	MTWTHF	AVTECH	117	RICH DAVID LOUIS
	01.00-02.50	M W F	AVTECH	135	RICH DAVID LOUIS
112	AIRCRAFT ELECT-BASIC			06.0 CR	
1	10.00	MT THF	AVTECH	106	WHITACRE GERRY L
	08.00-09.50	M W F	AVTECH	128	WHITACRE GERRY L

2	03.00	MT THF	AVTECH	128	LEE DONALD BRUCE
	01.00-02.50	M W F	AVTECH	128	LEE DONALD BRUCE
113	AIRCRAFT INSTRUMENT		04.0	CR	
1	09.00	T TH	AVTECH	116	SCHAFER JOSEPH ALLEN
	12.00	T TH	AVTECH	106	SCHAFER JOSEPH ALLEN
	10.00-11.50	T	AVTECH	127	SCHAFER JOSEPH ALLEN
2	02.00	MT THF	AVTECH	117	SCHAFER JOSEPH ALLEN
	03.00-04.50	TH	AVTECH	127	SCHAFER JOSEPH ALLEN
114	AIRCRAFT WT & BAL		05.0	CR	
1	08.00	MTWTHF	AVTECH	116	CANNON RICHARD H
	09.00-10.50	M	AVTECH	131	CANNON RICHARD H
2	12.00	MTWTHF	AVTECH	117	CANNON RICHARD H
	10.00	W	AVTECH	131	CANNON RICHARD H
201	APPLIED SCIENCE		04.0	CR	
1	10.00	MTWTH	AVTECH	111	BEAUCHAMP CLARENCE J
2	11.00	MTWTH	AVTECH	117	BEAUCHAMP CLARENCE J
202	AIRCRAFT ELEC SYS PREREQ *AT 112		04.0	CR	
1	12.00	M W F	AVTECH	106	LEE DONALD BRUCE
	10.00-11.50	T TH	AVTECH	128	LEE DONALD BRUCE
203	AERODYNAMICS		05.0	CR	
1	09.00	M W F	AVTECH	116	BEYER WILLIAM L
	02.00-03.50	M F	AVTECH	135	BEYER WILLIAM L
2	09.00	M W F	AVTECH	116	BEYER WILLIAM L
	10.00-11.50	T TH	AVTECH	135	BEYER WILLIAM L
204	AIRCRAFT HYDRAULICS		04.0	CR	
1	11.00	M W F	AVTECH	106	OHMAN LENNART R
	09.00-10.50	M F	AVTECH	132	OHMAN LENNART R
2	11.00	M W F	AVTECH	106	OHMAN LENNART R
	01.00-02.50	M F	AVTECH	132	OHMAN LENNART R
205	CAB ENVIRONMENT SYS		03.0	CR	
1	03.00-04.50	T	AVTECH	135	OHMAN LENNART R
	02.00	TWTH	AVTECH	116	OHMAN LENNART R
2	03.00-04.50	TH	AVTECH	135	OHMAN LENNART R
	02.00	TWTH	AVTECH	116	OHMAN LENNART R
206	METAL & PROCESSING		05.0	CR	
1	08.00-10.50	T TH	AVTECH	135	RICH DAVID LOUIS
	11.00	T TH	AVTECH	106	RICH DAVID LOUIS
	10.00	W	AVTECH	106	RICH DAVID LOUIS
2	11.00	T TH	AVTECH	106	RICH DAVID LOUIS
	08.00-10.50	M F	AVTECH	135	RICH DAVID LOUIS
	10.00	W	AVTECH	106	RICH DAVID LOUIS
207	AIRCRAFT INSPECTION		02.0	CR	
1	01.00	T	AVTECH	117	CANNON RICHARD H
	01.00-04.50	M F	AVTECH	135	CANNON RICHARD H
2	01.00	T	AVTECH	117	ELLINGSWORTH DAVID A
	08.00-10.50	T TH	AVTECH	135	ELLINGSWORTH DAVID A
	03.00-04.50	T	AVTECH	135	ELLINGSWORTH DAVID A
210	AIRCRAFT IGNITION		04.0	CR	
1	01.00-03.50	T TH	AVTECH	128	WHITACRE GERRY L
	12.00	M W F	AVTECH	116	WHITACRE GERRY L
211	RECIPROCAT PWRPLNTS		05.0	CR	
1	08.00-10.50	M W F	AVTECH	134	BURKEY PAUL D
	02.00	M F	AVTECH	116	BURKEY PAUL D
212	CARBURETION & LUB		05.0	CR	
1	08.00-09.50	T TH	AVTECH	119	BEYER WILLIAM L
	12.00	T TH	AVTECH	116	BEYER WILLIAM L
	01.00	M	AVTECH	117	BEYER WILLIAM L
	01.00-02.50	W	AVTECH	119	
214	PROPELLERS		04.0	CR	
1	08.00-09.50	T TH	AVTECH	118	BURKEY PAUL D
	10.00	T	AVTECH	116	BURKEY PAUL D
	10.00-11.50	TH	AVTECH	116	BURKEY PAUL D
215	PWRPLANT TEST&INSP PREREQ 1ST,2ND, 5TH QTRS		04.0	CR	
1	11.00	M W F	AVTECH	116	SCHAFER JOSEPH ALLEN
	08.00-10.50	M W F	AVTECH	134	SCHAFER JOSEPH ALLEN
216	JET PROPUL PWRPLANT		06.0	CR	
1	01.00	MTWTHF	AVTECH	116	DAROSA EDMUND A
	02.00-03.50	M W F	AVTECH	133	DAROSA EDMUND A



220	JET TRAN SYS & FFDO			04.0 CR	
1	08.00	M W F	AVTECH	119	OHMAN LENNART R
	03.00-04.50	W	AVTECH	119	OHMAN LENNART R
2	01.00	WTH	AVTECH	117	OHMAN LENNART R
	03.00	F	AVTECH	119	OHMAN LENNART R
	03.00-04.50	M	AVTECH	119	OHMAN LENNART R

**\*AUT Automotive Technology**

101A	BASIC AUTO LAB			05.0 CR	
	PREREQ	CONCURRENT ENROLLMENT IN 125A			
1	08.00-10.50	MTWTHF	L2	108	ROMACK CHARLES
101B	BASIC AUTO LAB			05.0 CR	
	PREREQ	CONCURRENT ENROLLMENT IN 125B			
1	08.00-10.50	MTWTHF	L1	108	RUNKLE LEWIS
101C	BASIC AUTO LAB			05.0 CR	
	PREREQ	*AUT 101A OR 101B, CONCURRENT ENROLLMT IN *AUT 125C			
1	11.00-01.50	MTWTHF	L2	108	CASH JOSEPH
2	02.00-04.50	MTWTHF	L2	108	WHITE JAMES EDWIN
125A	BASIC AUTO THEORY			05.0 CR	
	PREREQ	CONCURRENT ENROLLMENT IN 101A			
1	11.00	MTWTHF	L2	105	ROMACK CHARLES
125B	BASIC AUTO THEORY			05.0 CR	
	PREREQ	CONCURRENT ENROLLMENT IN 101B			
1	02.00	MTWTHF	L1	105	RUNKLE LEWIS
125C	BASIC AUTO THEORY			05.0 CR	
	PREREQ	*AUT 125A OR 125B, CONCURRENT ENROLLMT IN *AUT 101C			
1	09.00	MTWTHF	L2	105	CASH JOSEPH
2	12.00	MTWTHF	L2	105	WHITE JAMES EDWIN
201A	ADVANCED AUTO LAB			05.0 CR	
	PREREQ	*AUT 101C, CONCURRENT ENROLLMT IN *AUT 220A			
1	01.00-03.50	MTWTHF	L2	102	KAZDA JOSEPH G
201B	ADVANCED AUTO LAB			05.0 CR	
	PREREQ	*AUT 101C, CONCURRENT ENROLLMT IN *AUT 220B			
1	09.00-11.50	MTWTHF	L2	102	WILLEY LUCIAN D
201C	ADVANCED AUTO LAB			05.0 CR	
	PREREQ	CONCURRENT ENROLLMT IN *AUT 220C			
1	02.00-04.50	MTWTHF	L1	108	SHELTON EVERETT E
220A	ADV AUTO THEORY			05.0 CR	
	PREREQ	*AUT 125A & 125C-MUST BE TAKEN CONCURRENT WITH 201C			
1	04.00	MTWTHF	L2	105	KAZDA JOSEPH G
220B	ADV AUTO THEORY			05.0 CR	
	PREREQ	*AUT 125A & 125C-MUST BE TAKEN CONCURRENT WITH 201C			
1	08.00	MTWTHF	L2	105	WILLEY LUCIAN D
220C	ADV AUTO THEORY			05.0 CR	
	PREREQ	*AUT 125A & 125C-MUST BE TAKEN CONCURRENT WITH 201C			
1	01.00	MTWTHF	L1	105	SHELTON EVERETT E

**\*CG Commercial Graphics**

101	PRODUC PROCED LAB			06.0 CR	
	PREREQ	CONCURRENT ENROLLMENT IN *CG 125			
1	09.00-11.50	M WTHF	L3	110	CORNELL H EDGAR
	08.00-11.50	T	L3	110	CORNELL H EDGAR
110	ART ANALYSIS			03.0 CR	
1	11.00	M W F	H3	151	YACK JOHN L
120	FIG & FREEHAND DRAW			05.0 CR	
	PREREQ	CONCURRENT ENROLLMENT IN *CG 122			
1	08.00-10.50	M W F	N1	101	KNUTSEN SUE M
2	01.00-03.50	T TH	N1	101	KNUTSEN SUE M
	SCHEDULE SWITCHES WITH *CG 122 ON ALTER WKS				

122	TECNIQ-ADVER DES	05.0 CR			
	PREREQ CONCURRENT ENROLLMENT IN *CG 120				
1	08.00-10.50 T TH N1	101	YACK JOHN L		
2	01.00-03.50 M W F N1	101	YACK JOHN L		
	SCHEDULE SWITCHES WITH *CG 120 ON ALTER WKS				
125	INTRO PRODUC PROCED	03.0 CR			
	PREREQ CONCURRENT ENROLLMENT IN *CG 101				
1	08.00 M W F L3	109	CORNELL H EDGAR		
135	COL & BUS FORMS DES	03.0 CR			
1	12.00 M W F N1	101	KNUTSEN SUE M		
201	LITH PHOTO LAB	06.0 CR			
	PREREQ CONCURRENT ENROLLMENT IN *CG 225				
1	02.00-04.50 MTW F L3	110	MOORE FRANK JR		
	01.00-04.50 TH L3	110	MOORE FRANK JR		
210A	GRAPHIC DES-AD ILLU	06.0 CR			
	PREREQ *CG 140 AND 142, CONCURRENT ENROLLMENT IN *CG 215				
1	08.00-11.50 M W F N1	107	MARTIN KENNETH D		
	SCHEDULE SWITCHES WITH *CG 215 ON ALTER WKS				
2	01.00-04.50 T TH N1	107	MARTIN KENNETH		
	SCHEDULE SWITCHES WITH *CG 215 ON ALTER WKS				
215	INDUSTRIAL ILLUS	06.0 CR			
	PREREQ *CG 140 & 142, CONCURRENT ENROLLMENT IN *CG 210A				
1	08.00-11.50 T TH N1	107	HOFFMAN RICHARD		
	SCHEDULE SWITCHES WITH *CG 210A ON ALTER WKS				
2	01.00-04.50 M W F N1	107	HOFFMAN RICHARD		
	SCHEDULE SWITCHES WITH *CG 210A ON ALTER WKS				
225	LITH PHOTO THEORY	03.0 CR			
	PREREQ CONCURRENT ENROLLMENT IN *CG 201				
1	01.00 M W F L3	110	MOORE FRANK JR		
240	SPECIAL STUDY	03.0 TO 12.0 CR			
	PREREQ STAFF APPROVAL				
1	TO BE ARRANGED				
<b>*CLE Corrections and Law Enforcement</b>					
103	INTRO CRIMINAL JUST	04.0 CR			
1	01.00-02.50 M W H5	210	WALLACE MELVIN		
2	06.00-09.30 PM M HI	124			
107	LAW ENF & COMM PROB	04.0 CR			
1	01.00-02.50 T TH H5	210	WALLACE MELVIN		
2	06.00-09.30 PM W H5	210	WALLACE MELVIN		
205	METH IN CRIME DETEC	05.0 CR			
1	10.00-11.50 MTWTH H5	210			
2	06.00-09.30 PM M H5	210			
	06.30-09.00 PM T H5	210	WALLACE MELVIN		
215	INTERNSHIP	06.0 TO 12.0 CR-(ELECTIVE PASS/FAIL)			
	PREREQ FOURTH QUARTER STATUS				
1	TO BE ARRANGED		WALLACE MELVIN		
<b>*CST Construction Technology</b>					
101A	SURVEYING	06.0 CR			
	PREREQ TAKEN IN A,B,C SEQUENCE OR CONSENT OF INSTR				
1	02.00-04.50 M W F L3	120	BASSETT FRANKLIN A		
102	FUNDAMENT- DRAFTING	04.0 CR			
1	02.00-04.50 T TH L3	119	STALEY GLENN L		
2	02.00-04.50 M W L3	119	LAMPMAN DUNCAN		
104	BLDG CONSTR SURVEY	04.0 CR			
1	02.00-04.50 T TH L3	120	BASSETT FRANKLIN A		

110A	BASIC CONSTRUCTION	05.0 CR			
	PREREQ TAKEN IN A,B,C SEQUENCE OR CONSENT OF INSTR				
1	09.00-11.50 M W F L4	108	OSBORN HAROLD W		
	11.00 T TH L4	106	OSBORN HAROLD W		
125A	STATIC & STRNTH-MAT	04.0 CR			
	PREREQ TAKEN IN A,B SEQUENCE OR CONSENT OF ADVISOR				
1	09.00-10.50 T TH L3	119	STALEY GLENN L		
203	HYDRAULIC & DRAIN	05.0 CR			
1	09.00-10.50 M W L3	119	STALEY GLENN L		
	09.00 F L3	119	STALEY GLENN L		
210A	ADVANCED CONSTRUCT	05.0 CR			
	PREREQ *CST 110A, A,B,C OR C,A,B SEQUENCE OR CONSENT-INSTR				
1	01.00 M W F L4	106	OSBORN HAROLD W		
	01.00-03.50 T TH L4	108	OSBORN HAROLD W		
<b>*DH Dental Hygiene</b>					
130	ORIENT DENTAL HYGE	02.0 CR			
1	08.00 M W F1	110	HOPPE MARILYN J		
131	GENERAL ANATOMY	05.0 CR			
1	08.00 F F1	110	AZEVEDO ALLAN B		
	09.00-10.50 T TH F1	110	AZEVEDO ALLAN B		
133	HISTOLOGY & EMBRYOL	04.0 CR			
1	09.00-10.50 M W F1	110	BUSHEE ELEANOR JANE		
210B	CLINICAL DENTAL HYG	05.0 CR			
	PREREQ *DH 210A				
1	09.00-11.50 MTW F F3	132			
	12.00 F F1	110			
2	01.00-03.50 MTW F F3	132			
	12.00 F F1	110			
218B	DENT ROENTGENOLOGY	02.0 CR			
	PREREQ *DH 218A				
1	08.00-09.50 TH F1	109	BUSHEE ELEANOR JANE		
2	10.00-11.50 TH F1	109	BUSHEE ELEANOR JANE		
220	DENT PUBLIC HEALTH	03.0 CR			
1	01.00-03.50 TH F1	110	AZEVEDO ALLAN B		
<b>*DP Electronic Data Processing</b>					
101	AUTO DATA PROC MACH	05.0 CR			
1	08.00 MTWTH H4	134	DICK ROBERT OLIVER		
	MIN 3 HRS LAB TBA IN H8-235				
2	01.00 MTWTH H4	134			
	MIN 3 HRS LAB TBA IN H8-235				
107	AUTO DP CONCEPTS	03.0 CR			
1	03.00 MTWTHF H4	134	JOHNSON BYRON		
201A	PROGRAM OPER SYSTEM	05.0 CR			
	PREREQ *DP 101				
1	10.00 MTWTH H4	133			
	MIN OF 3 HRS TBA IN H8-140				
203B	AS LANG 360/40 PROG	05.0 CR			
	PREREQ *DP 203A				
1	10.00 MTWTH H4	133	JOHNSON BYRON		
	MIN 3 HRS LAB TBA IN H8-140				
205	SYSTEM DES & DEVEL	05.0 CR			
	PREREQ *DP 104				
1	09.00 MTWTHF H4	133	KREUTZER ANDREW N		
<b>*DT Dental Laboratory Technology</b>					
102	TOOTH ANATOMY	06.0 CR			
1	08.00 M W F F1	109	LAAKE DENNIS J		
	09.00-11.50 M W F F3	128	LAAKE DENNIS J		
2	01.00 M W F F1	110	SAINT JOHN R		
	02.00-04.50 M W F F3	128	SAINT JOHN R		
103A	REMOVABLE PART DENT	04.0 CR			
1	08.00 T TH F1	110	SAINT JOHN R		
	09.00-11.50 T TH F3	128	SAINT JOHN R		
2	01.00 T TH F1	109	SAINT JOHN R		
	02.00-04.50 T TH F3	128	BYKOWSKI PETER		



113B	SCIENCE DENT MATLS				03.0 CR	
1	10.00	M W F	F1	109	LEESENS WILLIAM M	
2	01.00	M W F	F1	109	LEESENS WILLIAM M	
143	ORIENT OF DENT TECH				02.0 CR	
1	10.00	T TH	F1	112	LEESENS WILLIAM M	
2	01.00	T TH	F1	112	LEESENS WILLIAM M	
204A	BEG CROWN & BRIDGE				06.0 CR	
1	08.00	M W F	F1	112	BYKOWSKI PETER	
	09.00-11.50	M W F	F3	127	BYKOWSKI PETER	
2	01.00	M W F	F1	112		
	02.00-04.50	M W F	F3	127	FALABELLA JOHN F	
205	DENTAL OCCLUSION				04.0 CR	
1	08.00	T TH	F1	110	LAAKE DENNIS J	
	09.00-11.50	T TH	F3	127	LAAKE DENNIS	
2	01.00	T TH	F3	127		
	02.00-04.50	T TH	F3	127	FALABELLA JOHN F	

**\*ELT Electronics Technology**

101A	BASIC ELECTRON LAB				04.0 CR	
	PREREQ	CONSENT OF ADVISOR AND CONCUR ENROLL IN *ELT 125A				
1	09.00-10.50	MTWTHF	M3	109	ICENOGLA DALE F	
2	12.00-01.50	MTWTHF	M3	109	ICENOGLA DALE F	
3	02.00-03.50	MTWTHF	M3	109	CALDWELL PAUL NEWELL	
125A	BASIC ELECT THEO				05.0 CR	
	PREREQ	CONSENT OF ADVISOR & CONCUR ENROLL IN 101A				
1	11.00	MTWTHF	M3	107	ICENOGLA DALE F	
2	11.00	MTWTHF	M3	110	CALDWELL PAUL NEWELL	
3	01.00	MTWTHF	M3	110	CALDWELL PAUL NEWELL	
127	BASIC TECH CONCEPTS				03.0 CR	
1	TO BE ARRANGED					CALDWELL PAUL NEWELL
2	TO BE ARRANGED					
3	TO BE ARRANGED					
201A	ADV ELECTRONICS LAB				04.0 CR	
	PREREQ	CONSENT OF ADVISOR & CONCUR ENROLL IN 225A				
1	08.00-09.50	MTWTHF	M3	112	HARRE PAUL ALBERT	
2	01.00-02.50	MTWTHF	M3	112	HARRE PAUL ALBERT	
202	BASIC AVION CON-LAB				04.0 CR	
	PREREQ	101B AND 125B				
1	10.00-11.50	MTWTHF	M3	112		
225A	ADV ELECTRON THEORY				05.0 CR	
	PREREQ	101,125, CONSENT OF ADVISOR & CONCUR ENROLL IN 201A				
1	10.00	MTWTHF	M3	110	GREEN CHARLES MARION	
2	03.00	MTWTHF	M3	110	GREEN CHARLES MARION	
226	BASIC AVION CON THR				05.0 CR	
	PREREQ	101B AND 125B				
1	02.00	MTWTHF	M3	110		
231	DIAGNOSTIC ANALYSIS				03.0 CR	
	PREREQ	*ELT 101 & 125 OR CONSENT OF ADVISOR				
1	12.00	M W F	M3	110	GREEN CHARLES MARION	

**\*MED Media Technology**

101	INTRO-MEDIA EQUIP				04.0 CR	
1	08.00	MTWTH	HI	123	TARTAR GARRELL D	
103	INTRO-MEDIA LIBRARY				04.0 CR	
1	09.00	MTWTH	HI	123	TARTAR GARRELL D	
203A	PREP-MEDIA MATERIAL				04.0 CR	
	PREREQ	*MED 101				
1	09.00	T TH	HI	117	WHITE ROBERT L	
	08.00-11.50	F	HI	117	WHITE ROBERT L	
209	MEDIA INTERN				04.0 TO 12.0 CR	
	PREREQ	20 HRS IN *MED				
1	TO BE ARRANGED					WHITE ROBERT L
211	MEDIA SERVICES				04.0 CR	
	PREREQ	*MED 103,107 & 109				
1	01.00	M W	HI	117	TARTAR GARRELL D	
	01.00-02.50	T TH	HI	117	TARTAR GARRELL D	

213A	INTRO TO PHOTOGRAPH			04.0	CR	
1	10.00	M W	HI		117	
	10.00-11.50	T TH	HI		117	

**\*MS Mortuary Science**

101A	FUNERAL HIST & CUST			03.0	CR	
1	09.00	M W F	L3		109	BOULANGER JAY W
202A	RESTORATIVE ART			03.0	CR	
1	09.00	T TH	L3		109	HERTZ DONALD GORDON
	02.00-04.50	T	F3		144	HERTZ DONALD GORDON
2	09.00	T TH	L3		109	HERTZ DONALD GORDON
	02.00-04.50	TH	F3		144	HERTZ DONALD GORDON
3	09.00	T TH	L3		109	HERTZ DONALD GORDON
	10.00-12.50	TH	F3		144	HERTZ DONALD GORDON
203	INTRO TO EMBALMING			03.0	CR	
1	03.00	M W F	L3		109	BOULANGER JAY W
210A	PSYCH FUNERAL SERV			03.0	CR	
1	01.00	M W F	L3		109	BOULANGER JAY W
2	02.00	M W F	L3		109	BOULANGER JAY W
230A	MORTUARY ANATOMY			03.0	CR	
1	04.00	M W F	L3		109	HERTZ DONALD GORDON

**\*PTH Physical Therapy**

100A	PHYS THERAPY ORIENT			01.0	CR	
1	02.00	M	WHAM		201	GREENE BARBARA V
	1 LAB HOUR TBA					
207	MASSAGE			02.0	CR	
	PREREQ *PTH 100 AND 202					
1	03.00	W	WHAM		308	OKITA TED Y
	2 LAB HOURS TBA					
213	THERAPEUTIC MODALIT			03.0	CR	
	PREREQ GSA 101					
1	02.00	T TH	WHAM		308	GREENE BARBARA
	2 LAB HOURS TBA					
321	CLINICAL INTERNSHIP			08.0	CR	
	PREREQ ALL REQUIREMENTS OF *PTH WITH					
	3.0 GPA					
1	TO BE ARRANGED					OKITA TED Y
322	CLINICAL SEMINAR			02.0	CR	-(MANDATORY PASS/FAIL)
	PREREQ CONCURRENT ENROLLMENT IN *PTH					
	321					
1	TO BE ARRANGED					OKITA TED Y

**\*SCR Secretarial and Office Specialties**

101A	TYPEWRITING			03.0	CR	
1	10.00	MTWTHF	F1		121	TOOLEY JAMES E
104A	SHORTHAND			06.0	CR	
1	01.00-02.50	MTWTHF	F1		102	
107	FILING & DUPLICTG			03.0	CR	
	PREREQ 101A OR CONSENT OF ADVISER					
1	08.00	MTWTH	F1		121	TOOLEY JAMES E
109	CALCULATING MACHINE			03.0	CR	
1	10.00	MTWTHF	F1		113	RICHEY HELEN
110	ACCOUNTING			04.0	CR	
1	08.00	MTWTHF	F1		111	RICHEY HELEN
2	01.00	MTWTHF	F1		111	RICHEY HELEN
120A	MACHINE SHORTHAND			06.0	CR	
1	11.00-12.50	MTWTHF	F1		102	MIRIANI THERESA B
205A	TYPEWRITING			03.0	CR	
1	08.00	MTWTHF	F1		107	MIRIANI THERESA B
2	01.00	MTWTHF	F1		107	MIRIANI THERESA B
206	MACH TRANSCRIPTION			03.0	CR	
1	03.00	MTWTHF	F1		103	
209A	SHORTHAND			06.0	CR	
1	09.00-10.50	MTWTHF	F1		102	GREATHOUSE LILLIAN R
214A	COOP SEC EXP			02.0 TO 05.0	CR	
	PREREQ *SCR 104C					
1	TO BE ARRANGED					
223	SECRETAR OFF PROC			05.0	CR	
1	11.00	MTWTHF	F1		107	GREATHOUSE LILLIAN R

225A	MEDICAL SHORTHAND		06.0 CR		
1	03.00-04.50	MTWTHF	F1	102	TOOLEY JAMES E
226A	BUSINESS LAW		04.0 CR		
1	09.00	MTWTH	F1	108	VAUGHN FRANK EUGENE
2	02.00	MTWTH	F1	108	VAUGHN FRANK EUGENE
226B	BUSINESS LAW		04.0 CR		
	PREREQ	*SCR 226A			
1	11.00	MTWTH	F1	108	VAUGHN FRANK EUGENE
227	OFFICE ADMIN & SUPR		04.0 CR		
	PREREQ	SCR 126			
1	01.00	MTWTH	F1	108	MARKWELL JAMES K

**\*TT Tool and Manufacturing Technology**

101A	TOOL & MANUF LAB		05.0 CR		
	PREREQ	CONCURRENT ENROLLMT IN *TT 125			
		A OR CONSENT OF INSTR			
1	10.00-12.50	MTWTHF	L1	101	SANDERS EUGENE T
125A	TOOL & MANUF THEORY		03.0 CR		
1	08.00	M W F	L1	105	SANDERS EUGENE T
128	HYDRAULICS & PNEUMAT		03.0 CR		
1	01.00	M W F	M4	107	SANDERS EUGENE T
180A	OXY-ACET & ELEC ARC		03.0 CR		
	PREREQ	A,B OR A,B,C OR B,C SEQUENCE O			
		R CONSENT OF INSTR			
1	11.00	MTWTHF	M4	108	TREGONING PHILIP W
2	01.00	MTWTHF	M4	108	TREGONING PHILIP W
180B	OXY-ACET & ELEC ARC		03.0 CR		
	PREREQ	A,B OR A,B,C OR B,C SEQUENCE O			
		R CONSENT OF INSTR			
1	10.00	MTWTHF	M4	108	TREGONING PHILIP W
185A	TECHNICAL DRAWING		03.0 CR		
1	09.00	MTWTHF	H1	238	
2	03.00	MTWTHF	H1	238	
210	NUM CONT & PROD MACH		04.0 CR		
	PREREQ	*TT 125			
1	08.00-09.50	MTWTHF	L1	101	TRAYLOR GEORGE LELON
220	QUAL CON & INSP THE		03.0 CR		
	PREREQ	*TT 125			
1	10.00	M W F	L1	105	TRAYLOR GEORGE LELON
275B	METALLURGY-FERROUS		03.0 CR		
	PREREQ	A,B OR A,B,C OR B,C SEQUENCE			
		OR CONSENT OF INSTR			
1	02.00	M W F	M4	102	DALLMAN MURNICE H

**\*VTC Vocational Technical Careers**

102	TECHNICAL WRITING		03.0 CR		
	PREREQ	GSD 101			
1	10.00	MTW F	H1	126	HERTZ VIVIENNE V
2	11.00	MTW F	H1	126	HERTZ VIVIENNE V
3	03.00	MTW F	H1	126	HERTZ VIVIENNE V
	*VTC 102-ALL SECTS	INCLUDE A 1HR WRITING			
		CLINIC			
103	FUNDAMENTALS-MATH		03.0 CR		
1	08.00	MTWTH	H9	201	
2	10.00	MTWTH	H9	201	
3	02.00	MTWTH	H9	201	
104	BUSINESS MATH		03.0 CR		
1	09.00	M W F	M3	103	CRENSHAW J HOWARD
2	11.00	M W F	M3	103	CRENSHAW J HOWARD
105	TECHNICAL MATH		03.0 CR		
	PREREQ	SATISFACTORY ACT OR GSD 101			
1	08.00	M W F	M3	103	
2	08.00	M W F	AVTECH	117	HARBISON JAMES L
3	12.00	M W F	M3	103	CRENSHAW J HOWARD
4	02.00	M W F	HI	124	CRENSHAW J HOWARD
107	GEN SYSTEMS PHYSICS		04.0 CR		
1	03.00	M W	M3	103	
	02.00-03.50	T TH	M3	101	
115A	INTRO TO CHEMISTRY		04.0 CR		
	PREREQ	CONSENT OF ADVISOR, MUST BE TA			
		KEN IN A,B SEQUENCE			



1	01.00	MTW F	H1	143	SMITH DONALD
	09.00-10.50	F	H1	143	SMITH DONALD
2	01.00	MTW F	H1	143	SMITH DONALD
	02.00-03.50	T	H1	143	SMITH DONALD
3	01.00	MTW F	H1	143	SMITH DONALD
	02.00-03.50	TH	H1	143	SMITH DONALD
141	INTRO TO PHYSIOLOGY			05.0	CR
1	12.00	MTWTHF	F1	112	SMITH DONALD
232	LABOR-MGT PROBLEMS			04.0	CR
1	12.00	MTWTH	H9	101	



This form is provided for your use in establishing a tentative class schedule before coming to the Registration Center. 2. Note: Avoid scheduling two classes at the same time. 3. It is suggested that you also make an alternative schedule. 4. Tentative class schedules are subject to the rules and policies on registration of the University and the Registration Center.

1. Write in the *course* and *section* number in the appropriate day and time column.

TIME	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.
8:00												
9:00												
10:00												
11:00												
12:00												
1:00												
2:00												
3:00												
4:00												
*												
*												

\* Write in times for night classes.





# REGISTRATION WORK SHEET

This form is provided for your use in establishing a tentative class schedule before coming to the Registration Center.

2. Note: Avoid scheduling two classes at the same time.

3. It is suggested that you also make an alternative schedule.

4. Tentative class schedules are subject to the rules and policies on registration of the University and the Registration Center.

1. Write in the *course* and *section* number in the appropriate day and time column.

TIME	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.	Course	Sect.
8:00												
9:00												
10:00												
11:00												
12:00												
1:00												
2:00												
3:00												
4:00												
*												
*												

\* Write in times for night classes.





This publication was prepared and published for the Office of Admissions and Records by the University Graphics office of Southern Illinois University at Carbondale. Copy, Office of Admissions and Records, and Information Processing; editing, George Forest; cover design, Steve Kerr. Type set by Printing Service, Southern Illinois University at Carbondale. Text stock 50 pound book; self cover; body type 9 point Century Schoolbook and computer printout; display type in Century Schoolbook and Craw Clarendon Book.

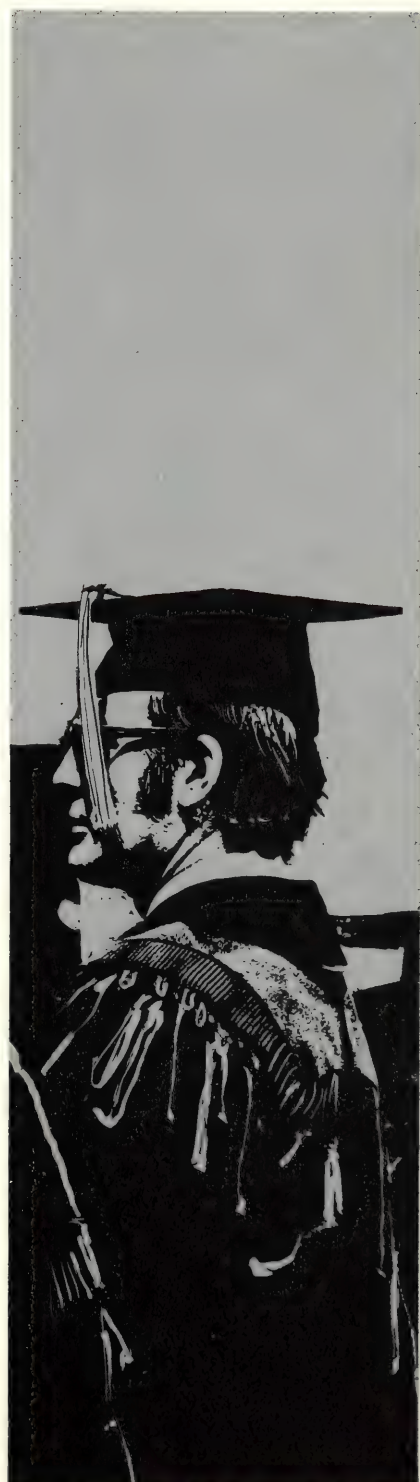
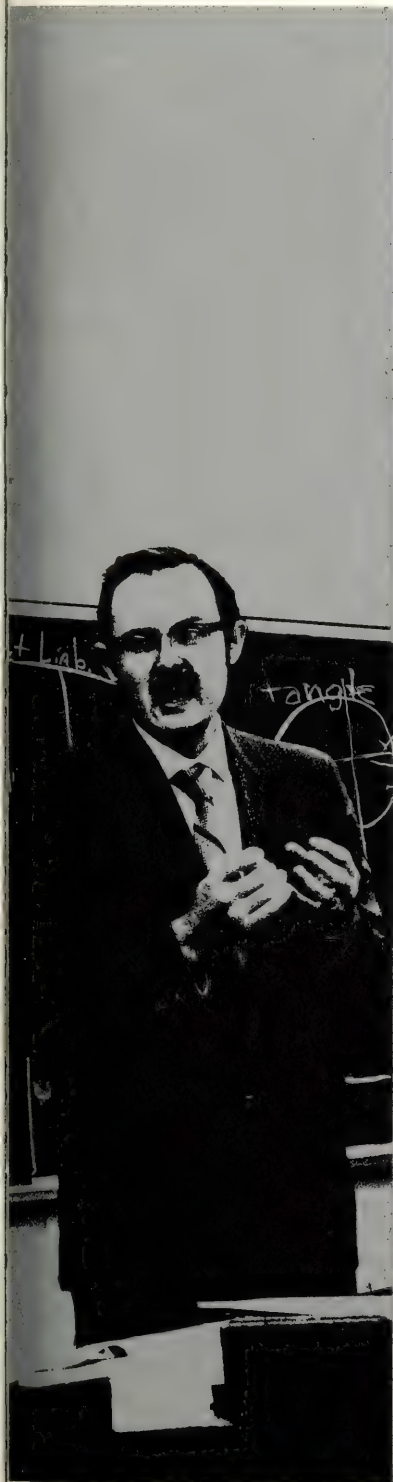
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1973 / 1974  
Graduate  
Catalog  
Carbondale

# Southern Illinois University Bulletin

SIU





## OBJECTIVES OF SOUTHERN ILLINOIS UNIVERSITY

### TO EXALT BEAUTY

*In God,  
in nature, and  
in art;  
Teaching how to love the best  
but to keep the human touch;*

### TO ADVANCE LEARNING

*In all lines of truth  
wherever they may lead,  
Showing how to think  
rather than what to think,  
Assisting the powers  
of the mind  
In their self-development;*

### TO FORWARD IDEAS AND IDEALS

*In our democracy,  
Inspiring respect for others  
as for ourselves,  
Ever promoting freedom  
with responsibility;*

### TO BECOME A CENTER OF ORDER AND LIGHT

*That knowledge may lead  
to understanding  
And understanding  
to wisdom.*

1973 / 1974  
Graduate  
Catalog  
Carbondale

# Southern Illinois University Bulletin



**Southern Illinois University Bulletin**

**Volume 15, Number 4**

**May 1973**

Second-class postage paid at Carbondale, Illinois 62901.

Published by Southern Illinois University at Carbondale,

Carbondale, Illinois 62901, monthly except

February, July, October, and December.

## This Issue . . . . .

of the *Southern Illinois University Bulletin* covers in detail questions concerning the Graduate School of Southern Illinois University at Carbondale. It supersedes Volume 14, Number 4.

THE FOLLOWING issues of the *Southern Illinois University Bulletin* may be obtained free from University Graphics and Publications, Southern Illinois University at Carbondale, Carbondale, Illinois 62901.

Graduate Catalog

Schedule of Classes. Please specify quarter (fall, winter, spring, or summer).

Undergraduate Catalog.

This publication provides information about Southern Illinois University at Carbondale. Primary attention is given to its academic programs, rules and regulations, and procedures. A student beginning graduate work during the period of time covered by this catalog (summer, 1973 through spring, 1974) is subject to the academic requirements of the Graduate School and of the degree programs as specified herein. If the requirements are subsequently changed, the student may elect either to meet the requirements in force in his particular degree program immediately prior to the change, or to meet the new requirements. If he elects the former option he shall be guaranteed a minimum period of time from the date that the program requirements were changed within which minimum period he will be permitted to complete the old degree requirements. This minimum period shall be determined by the department or other degree-program unit, subject to the following two constraints. First, the minimum period prescribed by the department may not exceed the standard Graduate School limitation that credit applied toward fulfillment of requirements for the master's degree must have been earned within a six-year period preceding the completion of the degree, and that a doctoral student must complete degree requirements within five years after admission to candidacy. Second, the minimum period shall encompass no less than two years for master's degree students and three years for doctoral students, with the exception that a student in the last stage of his degree work when requirements change (a master's student who has completed all requirements except the thesis or research report and the final examination or a doctoral student who has been admitted to Ph.D. candidacy) shall not be subject to the new requirements but may complete his degree within the standard Graduate School limitations stated above. A student who elects to follow old requirements, but does not complete his work within the minimum period prescribed by the department, shall, unless he was in the last stage of his degree work when requirements changed, be subject to requirements in force at the time he completes his degree, and shall be subject to the standard Graduate School limitations described above. The University reserves the right to change information contained herein on matters other than curricular requirements without notice when circumstances warrant such action.



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# University Calendar

<i>SUMMER, 1973</i>	Quarter Begins	Monday, June 18 *
	Independence Day Holiday	Wednesday, July 4
	Quarter Ends	Friday, August 31
	Commencement	Friday, August 31
<i>FALL, 1973</i>	New Student Days	Sunday–Tuesday, September 23–25
	Quarter Begins	Tuesday, September 25 *
	Thanksgiving Vacation	Tuesday, 10 P.M.–Monday, 8 A.M., November 20–26
	Final Examinations	Wednesday–Tuesday, December 12–18
<i>WINTER, 1974</i>	Quarter Begins	Wednesday, January 2 *
	Washington's Day Holiday	Monday, February 18
	Final Examinations	Wednesday–Tuesday, March 13–19
<i>SPRING, 1974</i>	Quarter Begins	Wednesday, March 27 *
	Memorial Day Holiday	Monday, May 27
	Final Examinations	Wednesday–Tuesday, June 5–11
	Commencement (Carbondale)	Tuesday, June 11
<i>SUMMER, 1974</i>	Quarter Begins	Tuesday, June 18 *
	Independence Day Holiday	Thursday, July 4
	Commencement (Carbondale)	Friday, August 30

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\* Classes begin with the evening classes after 5:30 P.M.



## Board of Trustees

### Southern Illinois University

	<i>Term Expires</i>
Ivan A. Elliott, Jr., <i>Chairman</i> , Carmi	1973
Harold R. Fischer, <i>Vice-Chairman</i> , Granite City	1975
Martin V. Brown, <i>Secretary</i> , Carbondale	1973
William W. Allen, Bloomington	1975
W. Victor Rouse, Chicago	1977
Harris Rowe, Jacksonville	1977
Earl E. Walker, Harrisburg	1977
Donald E. Fouts ( <i>Ex-officio</i> ), Springfield	
James M. Brown, Chief of Board Staff	

## Officers of Administration

### Southern Illinois University at Carbondale

David R. Derge, *President*  
 Willis E. Malone, *Executive Vice-President and Provost*  
 John M. H. Olmsted, *Dean, Graduate School*  
 Thomas O. Mitchell, *Associate Dean, Graduate School*  
 Ronald G. Hansen, *Associate Dean, Graduate School, and Coordinator of Research and Projects*  
 Robert A. McGrath, *Dean of Admissions and Records*

# 1 / The Graduate School

## **The Role of the Graduate School**

The primary concern of the Graduate School is graduate instruction and research at Southern Illinois University at Carbondale. The Graduate School therefore plays an essential role in the development of instructional and research programs, in the acquisition of funds, and in the procurement of facilities necessary to encourage and support the research of the members of its scholarly community. In addition, the Graduate School is a major contributor to the public services provided by the University to the region, the state, the nation, and a number of other countries. In all of its programs of instruction and research, the Graduate School sets a high standard of achievement. It is in those students who have demonstrated this quality of excellence by completing advanced courses of study and by achieving significant results in their research that the Graduate School makes its contribution to the public welfare.

Research is of special concern because the faculty must engage in scholarly research activities to maintain its effectiveness and also because advanced instruction of graduate students consists mainly of guidance in research. For these reasons, University policies governing research are developed by the Graduate School and administered through it. The Graduate School assists in the continuing development of the research activities of the University. University support for individual research projects is available to faculty members through the special research projects program administered by the Graduate School. The Graduate School also supervises cooperative research projects and particularly assists applicants in the preparation and submission of research proposals that involve outside support from such sources as government, foundations, business, and industry.

## **Morris Library**

Morris Library contains over 1,500,000 volumes and subscribes to more than 10,000 periodicals. Over 100,000 volumes have been added to the collection in each of the last three years. In addition to books and journals, the library has extensive collections of maps, manuscripts, and films. Morris Library is also a depository for federal, state, and U.N. documents. A major source for research in the behavioral sciences is the Human Relations Area files, consisting of copies of documents, books, articles, and manuscripts covering 170 world cultures.

Supplementing the resources of Morris Library is the Center for Research Libraries, in which the University holds membership. A printed book catalog of the center's some 2,000,000 volumes is available for con-

sultation. The extensive scientific journal collection of the Argonne National Laboratory is also available to graduate students in person or on interlibrary loan.

### **Information Processing**

The Information Processing unit supports both the academic and the administrative needs of the University. A sizable instructional activity as well as the research activity of both faculty and students is supported. The center is presently equipped with an IBM System 370, Model 155 and an IBM 1130. A variety of sorting and tabulating equipment is also available.

Academic support activities of the center include maintenance of a research program library, consulting about computing problems, and non-credit instruction in computing. Arrangements can be made for both faculty and graduate students to use the services and facilities of the center at no personal cost.

### **Placement Services**

The Placement Services assists students and alumni seeking career employment. Maximum benefit from its services is assured for students who file their resumes approximately three quarters prior to graduation. Alumni should periodically up date their resumes which are placed on permanent file. All inquiries concerning this free service should be made to the director of the Placement Services.

### **Housing**

#### *On-Campus Housing*

On-campus housing is available in residence halls for single graduate students. If a sufficient number of graduate students apply they will be housed on the same floor rather than mixed in with undergraduate students. Single rooms are available for extra cost. All contracts will be for room and board.

University owned housing for married students includes 304 unfurnished two- or three-bedroom air-conditioned apartments; 272 furnished efficiency, one- or two-bedroom apartments; because the demand for university housing for married students exceeds the supply information should be requested early from University Housing, Building D, Washington Square.

#### *Off-Campus Housing*

The Housing Information Center, Building C, Washington Square, maintains current information on off-campus rooms, apartments, houses for rent or for sale, and trailer parks. Experience has shown that satisfactory arrangements cannot be made by mail. A personal visit is usually required. Prices vary widely, ranging from \$20 a month for trailer spaces to \$200 a month or more for houses and apartments. All arrangements for off-campus housing and all business transactions in the matter of this type of housing are the sole responsibility of the student and the owner of the house facility.



## Health Services

The Health Service provides medical care to include 24-hour emergency service to graduate students who pay the student activity fee. The Health Service offers X-ray, laboratory, pharmacy, infirmary, and physician services. Those students that elect not to pay the student activity fee may utilize the medical services on a fee-for-service basis.

## Financial Assistance

### *Fellowships, Preceptorships, Internships, and Assistantships*

Inquiries may be addressed to department chairmen.

Graduate fellowships are available in all areas of graduate study upon application to the appropriate chairman, and are awarded by the graduate school on the basis of scholarship. The award is normally made for four consecutive quarters; for master's degree students the stipend is \$255 per month, or \$3,060 for the four quarters; for doctoral degree students the stipend is \$275 per month, or \$3,300 for four consecutive quarters. There is a remission of tuition but not other fees. There is no service requirement other than the duties required by a department of all students regardless of their source of support. While on a fellowship a student shall not hold another appointment in the University, nor shall he hold a job outside the University, since the purpose of the fellowships is to provide a student with a source of income which will enable him to work full time at his studies rather than work part time at a job and part time at his studies. All application materials should be submitted to the student's major department chairman before February 1 preceding the academic year for which the fellowship is desired.

Special doctoral assistantships are available for students who hold the master's degree, or its equivalent, from another institution, and who have been admitted to one of the doctoral programs. Application is made to the appropriate chairman, and the awards are made by the graduate school upon the basis of scholarship. The award is normally made for four consecutive quarters and carries a stipend of \$330 per month, or \$3,960 for four quarters. Extension to an additional four quarters is possible upon recommendation of the department chairman. There is a remission of tuition but not other fees. There is a service requirement, with the specific duties to be assigned by the chairman of the department. Application deadlines and procedures are the same as for graduate fellowships.

A number of preceptorships are offered by the University to students who are excellent teachers as well as superior scholars. These positions pay a stipend which ranges from \$300 to \$375 per month for the academic year, with the exact amount depending upon assignment, experience, and academic achievement. Remission of tuition is granted, but fees must be paid. Service of 20 hours per week, or corresponding load in teaching, is required. Preceptors must carry no more than 12 hours and no less than 6 hours of credit per quarter. Application should be made to the appropriate chairman before February 1 preceding the academic year for which the assignment is sought.

Teaching, research, and graduate assistantships, and graduate internships are available in a number of departments and from research agencies. These positions pay stipends which range from \$240 to \$350 per month, with the exact amount depending upon the assignment, experience, and academic achievement of the student. Rules applying to tuition, fees, and service loads are the same as those for preceptorships.

### *Special Fellowships*

Several special fellowships are offered annually to students who show promise of success in graduate studies even though their previous academic achievements may have been hindered because they are members of a minority group, because of their socioeconomic status, or because of their sex. The awards are usually made to students who are well qualified by the usual indicators of promise for graduate work such as undergraduate grade-point averages and GRE or MAT scores, but whose status in one of the categories named above has meant that their records are not impressive enough for them to receive fellowships in the regular fellowship competition with the entire graduate student body of Southern Illinois University at Carbondale. Stipend rates are the same as for the regular graduate fellowships. There is a remission of tuition but not of other fees. There is no service requirement other than those activities which are required by departments of all students regardless of the source of their support. Application materials should be submitted to the chairman of the student's major department before February 1 preceding the academic year for which the special fellowship is desired.

### *Celia M. Howard Fellowship*

The Illinois Federation of Business and Professional Women's Clubs, Inc. annually awards to a mature Illinois woman college graduate a Celia M. Howard fellowship toward a Master of Science degree in administration of justice. For information regarding this fellowship, write to Mrs. Rosemary Hardwick, Celia M. Howard Fellowship Fund Committee, 115 North Sixth Street, Carrollton, Illinois 62016.

### *External Support for Graduate Study*

Fellowships, grants-in-aid, scholarships, and other similar awards for the support of graduate students are available from many sources outside the University. Students are encouraged to apply for such awards. Information concerning appropriate external sources of support may be obtained from department chairmen or directors of graduate studies of the student's major department.

### *Faculty Appointments*

No student in a graduate degree program shall be appointed to any full-time faculty position in the department (or equivalent unit) in which he is a student, with the sole exception that a student who has already been admitted to candidacy for the Ph.D. degree may be granted a term appointment as an instructor in the unit in which he is a student. Such a term appointment shall not be renewable beyond a period of one year.

### *Student Work and Financial Assistance Office*

The University maintains an Office of Student Work and Financial As-



sistance through which work on and off campus, cooperative work-study programs, summer employment, the federal work-study programs, and student loan funds and tuition scholarships are negotiated.

Additional information may be obtained from the director of Student Work and Financial Assistance program.

**Tuition and Fees**

The tuition and fees charged students are established by the Board of Trustees and are subject to change whenever conditions make changes necessary. Fees per quarter for graduate students are as follows:

	Not more than 5 hrs	More than 5, less than 11	11 or more
Tuition—Illinois Resident .....	\$ 48.00	\$ 95.00	\$143.00
Tuition—Out-of-State Resident .....	( 143.00)	( 286.00)	( 429.00)
Student Welfare and Recreation			
Building Trust Fund Fee .....	5.00	10.00	15.00
Student Activity Fee .....	3.50	7.00	10.50
Student Center Fee .....	5.00	10.00	10.00
Athletic Fund Fee .....	3.00	6.50	10.00
<i>Total</i> —Illinois Resident .....	\$ 64.50	\$128.50	\$188.50
<i>Total</i> —Out-of-State Resident .....	(\$159.50)	(\$319.50)	(\$474.50)

The student activity fee includes the fees for limited hospitalization, entertainment, the student newspaper and yearbook, and such other privileges as may be provided.

Graduate fellows and teaching, research, and graduate assistants, and graduate interns on appointments of at least 25% of full time do not pay tuition and have an option on paying the student activity fee. They pay other fees. To receive a tuition waiver the graduate student must present his contract of appointment each time he registers for courses during the effective period of the appointment. A student who has been appointed to a position as an assistant or as an intern for three successive quarters will receive a remission of tuition for the quarter immediately following the final quarter of his appointment. Graduate fellows and special doctoral assistants do not receive an extra quarter's tuition waiver.

NDEA (Title IV) fellows and NSF trainees pay neither fees nor tuition.

In addition to the above fees, a student is subject to certain other charges under the conditions listed below:

1. A matriculation fee of \$5, which is assessed a graduate student the first time he registers if he is not a graduate of Southern Illinois University.
2. A late registration fee of \$5.00 when a student registers after the regular registration period has ended.
3. A graduation fee of \$9; and, for doctoral candidates, a dissertation microfilming fee of \$25–\$40, depending upon the service selected.
4. Other charges which a student may incur are those for field trips, library fines, and excess breakage. A student taking a course involving use of materials, as distinct from equipment, will ordinarily pay for such materials.



### **Regulations Governing the Determination of Residence Status for Admission and Assessment of Student Tuition**

For the purpose of these regulations an adult is considered to be a student eighteen years of age or over; a minor student is a student under eighteen years of age. The words he or his also apply to a female unless otherwise stated or clearly indicated. The term the State means the State of Illinois. Except for those exceptions clearly indicated in these regulations, in all cases where records establish that the person does not meet the requirements for resident status as defined in these regulations the nonresident status shall be assigned.

#### *Residency Determination*

Evidence for determination of residence status of each applicant for admission to the University shall be submitted to the director of admissions at the time of application for admission. A student may be reclassified at any time by the University upon the basis of additional or changed information. However, if the student is classified in error as a resident student, the change in tuition shall be applicable beginning with the term following the reclassification; if the student is classified in error as a nonresident, the change in tuition shall be applicable to the term in which the reclassification occurs, provided the student has filed a written request for review in accordance with these regulations.

#### *Adult Student*

An adult, to be considered a resident, must have been a bona fide resident of the State for a period of at least twelve consecutive months immediately preceding the beginning of any term for which he registers at the University, and must continue to maintain a bona fide residency in the State, except that an adult student whose parents (or one of them if only one parent is living or the parents are separated or divorced) have established and are maintaining a bona fide residence in the State and who resides with them (or the one residing in the State) or elsewhere in the State will be regarded as a resident student.

#### *Minor Student*

The residence of a minor shall be considered to be, and to change with, and follow:

- a. That of his parents, if they are living together, or the living parent if one is dead; or
- b. If the parents are separated or divorced, that of the parent to whom the custody of the person has been awarded by court decree or order, or, in the absence of a court decree or order, that of the father unless the person has continuously resided with the mother for a period of at least twelve consecutive months immediately preceding his registration at the University, in which latter event his residence shall be considered to be that of his mother; or
- c. That of the adoptive parents, if the person has been legally adopted and, in the event the adoptive parents become divorced or separated, that of the adoptive parent whose residence would govern under the foregoing rules if that parent has been a natural parent; or
- d. That of the legally appointed guardian of the person; or

e. That of the natural guardian, such as a grandparent, adult brother or adult sister, adult uncle or aunt, or other adult with whom the person has resided and by whom he has been supported for a period of at least twelve consecutive months immediately preceding his registration at the University for any term if the person's parents are dead or have abandoned him and if no legal guardian of the person has been appointed and qualified.

#### *Parent or Guardian*

No parent or legal or natural guardian will be considered a resident of the State unless he (a) maintains a bona fide and permanent place of abode within the State, and (b) lives, except when temporarily absent from the State with no intention of changing his legal residence to some other State or country, within the State.

#### *Emancipated Minor*

If a minor has been emancipated, is completely self-supporting, and actually resides in the State, he shall be considered to be a resident even though his parents or guardian may reside outside the State. An emancipated minor who is completely self-supporting shall be considered to actually reside in the State of Illinois if he has maintained a dwelling place within the State uninterruptedly for a period of at least twelve consecutive months immediately preceding the beginning of any term for which he registers at the University. Marriage or active military service shall be regarded as effecting the emancipation of minors, whether male or female, for the purposes of this regulation. An emancipated minor whose parents (or one of them if only one parent is living or the parents are separated or divorced) have established and are maintaining a bona fide residence in the State and who resides with them (or the one residing in the State) or elsewhere in the State will be regarded as a resident student.

#### *Married Student*

A nonresident student, whether male or female, or a minor or adult, or a citizen or noncitizen of the United States, who is married to a resident of the State, may be classified as a resident so long as he continues to reside in the State.

#### *Persons Without United States Citizenship*

A person who is not a citizen of the United States of America, to be considered a resident, must have permanent resident status with the United States Immigration and Naturalization Service and must also meet and comply with all of the other applicable requirements of these regulations to establish resident status.

#### *Armed Forces Personnel*

A person who is actively serving in one of the armed forces of the United States and who is stationed and present in the State in connection with that service and submits evidence of such service and station, shall be treated as a resident as long as the person remains stationed and present in Illinois. If the spouse or dependent children of such member of the armed forces also live in the State, similar treatment shall be granted to them.



*Minor Children of Parents Transferred Outside the United States*

The minor children of persons who have resided in the State for at least twelve consecutive months immediately prior to a transfer by their employers to some location outside the United States shall be considered residents. However, this shall apply only when the minor children of such parents enroll in the University within five years from the time their parents are transferred by their employer to some location outside the United States.

*Definition of Terminology*

To the extent that the terms bona fide residence, independent, dependent, and emancipation are not defined in these regulations, definitions shall be determined by according due consideration to all of the facts pertinent and material to the question and to the applicable laws and court decisions of the State of Illinois.

Voter registration, filing of taxes, proper license and registration for the driving or ownership of a vehicle, and other such transactions may verify intent of residency in a state. Neither length of University attendance nor continued presence in the University community during vacation period shall be construed to be proof of Illinois residence.

*Procedure for Review of Residency Status or Tuition Assessment*

A student who takes exception to the residency status assigned or tuition assessed shall pay the tuition assessed but may file a claim in writing to the appropriate official for a reconsideration of residency status and an adjustment of the tuition assessed. The written claim must be filed within 10 school days from the date of assessment of tuition or the date designated in the official University calendar as that upon which instruction begins for the academic period for which the tuition is payable, whichever is later, or the student loses all rights to a change of status and adjustment of the tuition assessed for the term in question. If the student is dissatisfied with the ruling in response to the written claim made within said period, he may appeal the ruling to the legal counsel by filing with the appropriate official within twenty days of the notice of the ruling a written request.

These regulations shall become effective for the winter quarter, 1972, and shall remain in full force and effect unless and until subsequently amended or repealed by action of the Board of Trustees.

**Graduate Degrees Offered**

Master's degrees are available in the fields listed below.

Abbreviations: Master of Arts, MA; Master of Business Administration, MBA; Master of Fine Arts, MFA; Master of Music, MM; Master of Music Education, MME; Master of Science, MS; Master of Science in Education, MS in Ed.

Administration of Justice	MS	Botany	MA, MS
Agricultural Industries	MS	Business Administration	MBA
Animal Industries	MS	Chemistry and Biochemistry	MS
Anthropology	MA	Community Development	MS
Art	MFA	Computer Science	MS
Biological Sciences	MS	Design	MS



Early Childhood Education	MS in Ed	Music	MM, MMed
Economics	MA, MS	Occupational Education	MS, MS in Ed
Educational Administration and Foundations	MS in Ed	Philosophy	MA
Elementary Education	MS in Ed	Physical Education	MS in Ed
Engineering	MS	Physics	MA, MS
English	MA	Physiology	MA
English as a Foreign Language	MA	Plant Industries	MS
Foreign Languages	MA	Psychology	MA, MS
Forestry	MS	Recreation and Outdoor Education	MS in Ed
Geography	MA, MS	Rehabilitation Institute	
Geology	MS	Behavior Modification	MA, MS
Government	MA	Rehabilitation Administration	MA, MS
Guidance and Educational Psychology	MS in Ed	Rehabilitation Counseling	MA, MS
Health Education	MS in Ed	Secondary Education	MS in Ed
Higher Education	MS in Ed	Secretarial and Business Education	MS in Ed
History	MA	Sociology	MA, MS
Home Economics	MS	Special Education	MS in Ed
Home Economics Education	MS, MS in Ed	Speech	MA, MS
Inter-American Studies	MA	Speech Pathology and Audiology	MS
Instructional Materials	MS in Ed	Theater	MA, MFA
Journalism	MA, MS	Zoology	MA, MS
Linguistics	MA		
Mathematics	MA, MS		
Microbiology	MA		

Certificate of Specialist programs are available in the fields listed below.

Educational Administration and Foundations	Guidance and Educational Psychology
Elementary Education	Secondary Education
	Special Education

Doctor of Philosophy programs are available in the fields listed below.

Anthropology	Government	Psychology
Botany	Historical Studies	Sociology
Chemistry and Biochemistry	Journalism	Speech/Theater
Economics	Mathematics	Speech Pathology and Audiology
Education	Microbiology	Zoology
English	Molecular Science	
Geography	Philosophy	
	Physiology	

### Admission to Graduate Study

A student should obtain application forms from the Graduate School and submit application, with other supporting material, directly to the Graduate School where it will be evaluated for compliance with Graduate School admission requirements. The student must have the registrar of

each college previously attended (except Southern Illinois University at Carbondale) send three official transcripts of his record to the Graduate School. Copies sent to a department are not acceptable. Unofficial or personal transcripts are not acceptable. The recording of one or more college's grades upon the transcript of another college does not meet the requirement. No transcripts or other admission credentials will be returned or forwarded to other institutions. Only if these steps are taken and if the student seeks a degree will the application be forwarded to the department \* in which the student indicates his desired major. The admission requirements of the Graduate School and the department must both be met before the student is admitted either conditionally or unconditionally, and both the Graduate School and the department may specify conditions. Several departments require additional materials such as test scores or letters of recommendation. The student will be informed of his admission status after this process has been completed. Admission to the Graduate School is determined almost entirely by the caliber of the applicant's previous college work.

An applicant should see to it that all required admissions materials are submitted to the Graduate School no later than 30 days prior to the beginning of the quarter for which he is seeking admission. An applicant to a degree program whose materials are received too late for processing may be granted unclassified (late entry) admission status for the quarter for which admission was originally sought. The application papers will continue to be processed for admission to a degree program for the quarter following the one originally applied for. Whether work taken by a student who is unclassified because of late application will later count toward a degree will be decided by the Graduate School and the department concerned.

An applicant to master's-level study may be admitted to the Graduate School if: (1) in order to complete all requirements for the bachelor's degree he needs no more than 48 quarter hours (if his school is on a quarter system) or 32 semester hours (if his school is on a semester system) beyond the credits shown on his transcript at the time of application; and (2) he has an overall grade point average of at least 3.5 (where A=5.0) in the work shown on his transcript at the time of application.

An applicant for admission to Ph.D.-level study may be admitted to the Graduate School if: (1) in order to complete all requirements for the master's degree he needs no more than 24 additional quarter hours (if his school is on the quarter system) or 16 additional semester hours (if his school is on the semester system) beyond the credits shown on his transcript at the time of application; and (2) he has an overall grade point average in graduate work of at least 4.25.

In all cases, admission to the Graduate School is final only when an official transcript which certifies that the applicant has been awarded a bachelor's degree is received in the Graduate School office.

A student who is applying to a department for an assistantship or fellowship and who submits a transcript in support of that application must also submit an application for admission and transcripts directly to the Graduate School for admission processing.

### *Admission of Faculty Members*

No one who holds a faculty appointment at any of the academic ranks—

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\* The word "department" is used here to designate any academic or administrative unit offering work leading to one or more graduate degrees.



lecturer, instructor, assistant professor, associate professor, and professor—shall be admitted to a graduate degree program at any level, or be eligible to register for courses to be taken for graduate credit, in the graduate degree program in which he holds his appointment. If a faculty member has been admitted to a graduate degree program in some unit other than the one in which he holds his appointment, no member of the faculty of the unit in which the appointment is held may be a member of his thesis committee, graduate program committee, dissertation committee, or any other examining committee.

### *Admission to Graduate Study on an Unclassified Basis*

A person may apply for admission to the Graduate School as an unclassified student when he does not seek a graduate degree or certificate, or when he has applied too late to be admitted to a degree program for the quarter for which he seeks admission. A person who seeks admission as an unclassified graduate student must present evidence that he holds a bachelor's degree and that his overall undergraduate grade point average is 3.40 or higher ( $A = 5.00$ ).

### *Admission of International Students*

A student from abroad is subject to all requirements for admission established by the Graduate School. In addition, he must complete special forms pertaining to the admission of international students. For these admission forms and for other information concerning international students, inquiries should be sent to the Assistant Director of Admissions, International Student Division, Office of Admissions and Records, Southern Illinois University, Carbondale, Illinois 62901.

All foreign-born applicants must apply through the foreign admissions office unless they are certified as residents by the Office of Admissions and Records.

To allow ample time for visa and other departure procedures, the applicant should have his application and all supporting documents on file with the University no less than four months prior to his proposed entry date.

An international student must be enrolled in a program leading to a graduate degree. He cannot be admitted as an unclassified student.

If the above requirements are satisfactorily met and the student is admitted to a degree program, he will be required to certify that he has adequate financial resources available to him to undertake and continue in a program of study.

### *Test of English as a Foreign Language (TOEFL)*

All foreign-born applicants not admitted under paragraph one under *Academic Requirements* listed below whose primary spoken language is not English must achieve a TOEFL score of 550. This test must have been taken no more than 12 months prior to the quarter for which the applicant is seeking admission.

### *Academic Requirements*

If a foreign-born applicant has completed a four-year bachelor's degree program at an accredited institution in the United States of America, the applicant may be given the same consideration for admission to a graduate degree program as a United States citizen, in regard to both academic requirements and the use of English as a foreign language.



If a foreign-born applicant has completed the equivalent of a four-year baccalaureate degree in any other country, or at an unaccredited institution, the applicant must have an academic record equivalent to a 3.70 grade average ( $A = 5.00$ ) for admission to a graduate degree program.

The determination of the applicant's grade point average shall be the responsibility of the Office of Admissions and Records, International Student Division.

### *Retention*

A student admitted conditionally because of low grades is on academic probation from the time of admission. A student who was admitted without any condition because of low grades (that is, a master's-level student whose overall undergraduate GPA was 3.70 or above, or a specialist- or Ph.D.-level student whose GPA in all previous graduate work was at least 4.25), and who has earned 16 or more quarter hours of credit in 400- or 500-level courses, will be placed on academic probation when his cumulative GPA for all graduate course work falls below 4.00. All 400- and 500-level courses taken by a graduate student count in his overall graduate GPA, even though some courses may not be a part of his degree program.

A student who is currently on academic probation and has been on academic probation for at least one quarter, and who has earned at least 24 quarter hours of credit in graduate courses, will be dropped from the Graduate School if he has received eight or more hours of *C* in graduate courses which are not balanced by hours of *A* in graduate courses, or in any case in which it would take at least eight additional hours of *A* work to bring his graduate grade point average up to 4.00. Four examples of cases where a student would be dropped: eight hours of *C* and no hours of *A*; ten hours of *C* and two hours of *A*; four hours of *C*, two hours of *D*, no hours of *A*; five hours of *C*, one hour of *E*, and no hours of *A*. A student who is dropped from the Graduate School under these conditions will not again be eligible for admission to the Graduate School unless a special exception is granted by the graduate dean.

### *Undergraduate Student Registration in Graduate Courses for Graduate Credit*

An undergraduate student who wishes to register for a graduate course (any 400- or 500-level course) for graduate credit must file the standard application for admission to the Graduate School. If he is admitted to the Graduate School, he will not be allowed to register for graduate courses for graduate credit until he is within 16 quarter hours of receipt of the bachelor's degree. At that time his registration will be permitted, subject to all of the approval procedures in effect for graduate students who have already received the bachelor's degree, together with final approval by the Graduate School. After having received such approvals an undergraduate student will be allowed to take graduate courses for graduate credit for two quarters. If, at the end of two quarters, he has not received the bachelor's degree, his permission to enroll in graduate courses for graduate credit will be withdrawn until after he has received the bachelor's degree.

### *Undergraduate Credit for 500-Level Courses*

Undergraduate students are permitted to register for 500-level course for undergraduate credit only by special permission of the graduate dean.

Such permission will be granted only to properly qualified students. The procedure for obtaining such permission is as follows: The chairman of the department offering the course, in collaboration with the instructor who is teaching the section of the course in which the student desires to enroll, and in consultation also with other appropriate persons such as the director of graduate studies for the department, should write a letter to the graduate dean indicating the special reasons why the particular student should be allowed to take a particular 500-level course for undergraduate credit. Such a request should be made only for a truly superior student, and there should be a clear expectation that the student would perform above the median of graduate students in the course. The letter should therefore include some information on the student's academic work with particular attention to advanced and relevant courses in the major area. There should also be an explanation of why the student's needs cannot be adequately satisfied by undergraduate courses. Any information that explains the unique features of this particular student's case and justifies special approval will be helpful. Appropriate grade point averages should be included. If the petition is granted, a letter will be sent from the graduate dean to the registrar, asking that the specified credit be accepted in the student's undergraduate program.

### **Master's Degree Programs**

#### *Admission*

In order to receive unconditional admission to the Graduate School for study at the master's level, the applicant must hold a bachelor's degree and have an overall undergraduate grade point average of 3.70 or higher ( $A = 5.00$ ).

A student with a grade point average between 3.40 and 3.70 may be granted conditional admission and will remain on conditional status until he earns 24 quarter hours of credit in graduate-level courses. The faculty of a degree program unit may add its own grade point average requirements and other conditions for admission to that particular program. Students who are denied admission to a degree program may enroll as unclassified students. If, at a later date, they are admitted to a degree program, none of the credit hours they acquired as unclassified students may be counted towards their degree.

A student whose overall undergraduate grade point average is below 3.40 may be admitted to the Graduate School only by special permission of the graduate dean. A student who wishes to request such permission must write a letter formally requesting that an exception to the grade point average rule be made in his case, stating his reasons for believing that special consideration is warranted in his case, and particularly stating whether there is some reason to believe that his previous academic record is not a valid indicator of his success in Graduate School because of his membership in a minority group, his low socioeconomic status, or his sex. In addition, this letter should indicate when he expects the following information to have been received in the Graduate School office: (1) scores on the aptitude test of the Graduate Record Examination (GRE) or on other standard tests such as the Miller Analogies Test; (2) at least three letters of recommendation on his behalf from persons who are professionally qualified to judge his promise as a graduate student in his proposed specialty; (3) a very strong letter of support from the



degree program to which he wishes to apply. If a student has requested special permission for an exception to the grade point average rule, the Graduate School office will calculate his grade point average for his last two years of undergraduate work and for his undergraduate major; at least one of these grade point averages should be above 3.70. If the graduate dean approves admission to the Graduate School for a student whose grade point average is less than 3.40, the student must still obtain admission to a graduate degree program, since he will not be permitted to register as an unclassified student.

### *General Requirements*

Graduate credit earned in graduate courses for which the student has received grades of A, B, C, or S, and only such credit, is acceptable for master's degree programs. An overall grade point average of at least 4.00 in all graduate work included in the master's degree program is required before that degree can be awarded. If a graduate student repeats a course with the permission of the graduate dean, both grades will be counted in his grade point average. Forty-eight hours of acceptable graduate credit are required for a master's degree, except in fine arts and college student personnel work, where 60 hours are necessary, and in behavior modification, psychology, and rehabilitation counseling, where 72 hours are required. At least 24 hours must be earned in courses numbered 500 or above. No more than 16 hours earned for work done on campus at another university (for this purpose Southern Illinois University at Edwardsville is considered to be another university) or in extension from Southern Illinois University at Carbondale, or any combination of the two, may be counted toward the degree. An evaluation of transfer credit is made in every case and may result in a reduction of the credit offered. No transfer credit will be given for work bearing a grade below B. No credit toward the degree may be earned by correspondence.

Only credit earned within a six-year period preceding the completion of requirements for the degree, whether at Southern Illinois University at Carbondale or elsewhere, will be counted toward the degree.

Each candidate for a master's degree shall write a thesis except where a graduate program has been approved by the Graduate Council to provide for some other arrangement, such as a research paper. The thesis may be counted for not more than nine nor less than five quarter hours of credit. Two copies of the approved thesis must be presented to the Graduate School at least three weeks prior to the date of graduation, to be bound and shelved in the library. At the time that the department submits a clearance for the student to graduate, the director of the thesis must submit grade change cards to change the grade in the thesis course from Deferred to Satisfactory or Unsatisfactory. For nonthesis programs, a research paper should show evidence of the student's knowledge of research techniques and should be based on a special project or specific courses as may be recommended by the advisory committee.

Each candidate for a master's degree is required to pass a comprehensive examination covering all of his graduate work, including the thesis. This examination may be written or oral, or both, as determined by the student's advisory committee.

Application forms for graduation, which are to be secured from the Office of Admissions and Records should be completed and returned to that office after payment of the graduation fee at the Bursar's Office, at least five weeks prior to the graduation date.



### *Double Major for Master's Degree*

A student may earn a double major in a master's degree under the following conditions: (1) The student must have been admitted to one master's degree program. (2) Each unit in which the student wishes to earn a major must have an approved master's degree program. (3) The chairman of each unit must endorse the proposed program. (4) The proposed program must specify the title of the degree which is awarded. (5) The proposed program must be approved by the graduate dean. (6) At least 30 quarter hours must be earned for each major, and one-half of the course work for each major must be in courses numbered 500 or above. (7) The minimum number of hours required for the double major is as follows:

- 60 quarter hours—if each major individually requires a minimum of 48 hours;
- 68 quarter hours—if one major requires 48 and the other requires 60;
- 75 quarter hours—if one major requires 48 and the other requires 72;
- 82 quarter hours—if one major requires 60 and the other requires 72 or more;
- 87 quarter hours—if both majors require 60;
- 90 quarter hours—if both programs require 72.

### *Second Master's Degree*

A student may earn a second master's degree if the second degree is offered by an academic unit different from that of his first master's degree. None of the hours used towards any previous degree will be allowed to count as a part of the total number of hours toward a second master's, and all regulations concerning the total number of hours and the number of hours at the 500 level shall apply to the second master's degree exactly as they would if this were a first master's degree.

### **Sixth-Year Specialist Certificate Program**

The sixth year specialist certificate program is for a qualified student with a master's degree or its equivalent, as determined by the specific department, who wishes to pursue a specialization in an educational field. Sixth year courses of study are offered in the professional education areas of educational administration, elementary education, guidance, secondary education, and special education.

Students seeking admission to the sixth year specialist certificate program follow the same procedures that apply for admission to other graduate programs. Admission to the sixth year specialist certificate program requires a grade point average of 4.25 ( $A = 5.00$ ) for all previous graduate work. Departments may establish a higher scholastic requirement for admission and may use other selective criteria appropriate to the field of specialization. The student's previous work shall have provided a proper base of general and special preparation for the sixth year studies; if this is lacking, additional work must be taken to establish this base. Two years of experience relevant to the specialized field are required.

An advisory committee of three members for each candidate shall be appointed by the dean of the Graduate School upon the recommendation of the chairman of the respective department.

A minimum of 45 quarter hours of work beyond the master's degree or its equivalent is required. This work must be planned early by the student and his advisory committee, must clearly lead the student toward

the specialization he seeks, and must conform to the sixth year specialist program approved by the Graduate Council. A minimum grade point average of 4.25 for all work in the sixth year specialist certificate is required for completion of the program. No more than nine hours earned for work done on campus at another university (for this purpose Southern Illinois University at Edwardsville is considered to be another University) or in extension from Southern Illinois University at Carbondale, or any combination of the two, may be counted toward the degree. All such work must be approved by the student's advisory committee and must carry a grade of *B* or better. No credit earned through correspondence or used in obtaining another degree or certificate may be counted.

A field study is required of each candidate for the specialist certificate. A written report of the field study is to be submitted to the student's advisory committee before a final oral examination. After the advisory committee approves the field study report, one copy will be forwarded to the Graduate School to be placed in Morris Library.

All credit must have been earned within seven years prior to the completion of the program.

The residency requirement is fulfilled by the enrollment of at least 12 quarter hours in a single quarter or of at least eight quarter hours in each of two quarters.

### **Doctor of Philosophy Degree Program**

#### *Admission*

Admission to a Ph.D. program in the Graduate School requires a master's degree or its equivalent, a grade point average in graduate work of at least 4.25, and acceptance by the academic unit offering the Ph.D. program. The graduate dean informs each student of any conditions for admission imposed by the Graduate School or by the academic unit.

#### *General Requirements*

The Ph.D. degree is awarded for high accomplishment in a particular discipline or a recognized interdisciplinary area, as measured by the student's ability to pass the preliminary examination for admission to candidacy, meet the research tool requirement of the program, perform a piece of original research, present the results in proper form in a dissertation, and defend the dissertation before a faculty committee. There is no graduate school requirement that a certain number of quarter hours be taken for the Ph.D. Some degree programs do have requirements for the student of a certain number of quarter hours. Therefore, the acceptability of work done at other institutions as a part of a Ph.D. program is at the discretion of the department.

#### *Preliminary Examination*

The student will generally prepare himself for this examination through independent study and course work, as advised by the faculty of his Ph.D. program. The examination is given to determine the breadth and depth of the student's knowledge within his discipline. The particular form and content of the examination are determined by the faculty of each of the doctoral programs. The student will be permitted to take the preliminary examination at the discretion of the department, after he has completed two years of full-time study or its equivalent beyond the baccalaureate.



### *Research Tool Requirement*

The Ph.D. at Southern Illinois University at Carbondale is a research-oriented degree. The research tool requirement is intended to be an integral part of the student's program. Since research materials, problems, and techniques vary from discipline to discipline, the details of the research tool requirement are determined by the faculty of each of the doctoral programs.

### *Admission to Candidacy*

Admission to candidacy is granted by the dean of the Graduate School upon recommendation of the faculty responsible for the student's program, after the student has passed his preliminary examination and met the research tool requirement of the program. The Ph.D. degree may not be conferred less than six months, nor more than five years, after admission to candidacy, except upon approval of the dean of the Graduate School. If completion of requirements is delayed beyond five years, a student may be required to take another preliminary examination and be admitted to candidacy a second time.

### *Dissertation*

After being admitted to candidacy, the student must complete a dissertation showing that he is capable of independent research or other creative effort. The dissertation shall be supervised by a faculty committee which has been approved by the dean of the Graduate School. Unless the graduate dean has approved an exception requested by the student's academic unit this committee shall consist of five faculty members, at least one of whom shall be from a graduate program outside the student's academic unit.

While the student is working on his dissertation he must register for the course numbered 600. The student is to devote at least one academic year of full-time work to complete the dissertation; he will register for 36 quarter hours of dissertation credit, for example, 12 hours for each of three terms. At the time that the department submits a statement of approval for the student to receive his degree, the chairman of the student's dissertation committee must submit grade change cards to record the final grade which the student has received for his dissertation credits.

The student must submit two copies of the dissertation acceptable to the Graduate School, along with an abstract of 600 words or less. All dissertations will be microfilmed. There is a fee of \$25.00 to cover the cost of publication of the abstract and microfilming of the dissertation. If copyright is desired, an additional fee of \$15.00 will be required.

### *Final Examination*

There will be a final oral examination administered by the student's doctoral dissertation committee. The examination will cover the subject of the dissertation and other matters related to the discipline. Any member of the graduate faculty may attend the final oral examination and may participate in questioning and discussion, subject to reasonable limitations imposed by the chairman of the committee. Only the members of the committee may vote or make recommendations concerning acceptance of the dissertation and final examination. A student will be recommended for receipt of the degree only if the members of the committee, with at most



one exception, judge both his dissertation and his performance at the final oral examination to be satisfactory.

### *Residency*

In order to earn the Ph.D. one must be a full-time student on campus for a minimum of three consecutive quarters. This means in particular that during this period of three consecutive quarters the student should not be on more than half-time University appointment. Typical of such appointments are teaching and research assistantships. Exceptions may be made to the residency rule in cases which involve: (1) long-time involvement in the degree program, (2) a close relationship between assigned duties and the specialized area of study, and either (3) two consecutive quarters of study without assigned duties, or (4) at least three nonconsecutive quarters as a full-time student.

### *Interdisciplinary Doctor of Philosophy Programs*

These guidelines provide for interdisciplinary Ph.D. programs for a limited number of students whose educational requirements can be met by existing resources but not exclusively by any one of the University's constituent units. Interdisciplinary Ph.D. programs will be instituted in response to the particular academic interest of individual students, not as programs of a permanent nature. The procedures and criteria given below govern the authorization and control of interdisciplinary Ph.D. programs.

1. After admission to an established doctoral program at Southern Illinois University at Carbondale and upon the recommendation of the chairman or adviser of that program, a student may apply for an interdisciplinary Ph.D. program to the dean of the Graduate School.

2. The dean of the Graduate School will apply the following criteria in deciding whether a program committee should be established to consider the proposed interdisciplinary Ph.D. program.

- a. The requisite staff must be available.
- b. The library holdings must be adequate without unreasonable additions.
- c. The program must lie within the recognized disciplines or fields of study, at least one of which offers the Ph.D. program.

3. If the dean of the Graduate School is satisfied that the proposed program satisfies these criteria, he shall form a special program committee of five members, three of whom shall be from units offering the Ph.D.

4. If the committee approves the proposed program, a plan of study shall be developed that includes the following elements:

- a. Fields or areas of study
- b. Required courses
- c. Languages or other research tool requirements
- d. Dissertation subject

5. The program as approved by the committee and accepted for principal sponsorship by a unit with an approved Ph.D. program shall be submitted to the dean of the Graduate School. Upon his final approval the student's program shall have the same binding effect upon the Graduate School as programs printed in the graduate catalog. The degree earned shall carry the title of the doctoral unit that has assumed principal sponsorship. The commencement program shall give specific indication that the degree is interdisciplinary and include a listing of those units

that are substantively involved in addition to the principal sponsoring unit, as determined by the graduate dean.

6. When the committee has certified all the required performances, including the results of examinations, the committee shall be dissolved.

### **Advisement**

Each student admitted to the Graduate School is expected to consult a graduate adviser in the department or faculty of his major for assistance in planning his total program and in choosing courses each quarter. As soon as the student gains approval for a thesis topic and a thesis director, the latter is designated as chairman of the advisory committee. This committee advises the student in the preparation of the thesis or dissertation, evaluates it quality when completed, and supervises the final examination, written or oral, when one is required.

A graduate student is expected to plan his work carefully. Program changes after registration must be approved by the student's adviser and the dean of the Graduate School. They may involve payment of a program-change fee. Program-change forms may be obtained from the Graduate School office.

The graduate student must assume responsibility for his progress by keeping an up-to-date record of the courses he has taken and by consulting periodically with his adviser. Responsibility for errors in program or in interpretation of regulations of the Graduate School and the University rests entirely upon the student. It is the student's responsibility to see that his records in the Graduate School office, Office of Admissions and Records, and with his major adviser are brought together well in advance of the time of graduation. The student cannot be approved for graduation unless these records are available at least six weeks in advance of the time of graduation. Advice is always available on request.

### **Registration**

Registration takes place in the Graduate School office. Only those students who have been officially admitted by the Graduate School will be permitted to register. Students should register in person. There is no registration by mail. A student who has been admitted to a degree program begins the registration process by consulting a graduate adviser in his major department before coming to the Graduate School office. Unclassified nondegree students begin registration immediately at the Graduate School office. Information concerning registration dates and deadlines for the first quarter a student attends the University will be sent to him at the time he is admitted to the Graduate School. Continuing students should consult the schedule of classes for each quarter to find deadlines and dates for their registration.

### **Student Course Loads**

Maximum course work for graduate students is 18 hours each quarter; 12 hours is considered a normal load. The maximum load for teaching, research, and graduate assistants who are employed half-time is 12 hours and the minimum is 6 hours; for assistants who are employed more than half-time the maximum is 8 hours. For persons attending the eight-weeks



summer session the maximum is 12 hours. Graduate Fellows must take a minimum of 10 hours per quarter; NDEA (Title IV) fellows and NSF trainees are required to register for 11 to 18 hours per quarter. Exceptions to these maxima and minima are possible only with the written permission of the graduate dean.

### Graduate Advisers

Following is a list of chief academic advisers to students pursuing a graduate degree.

- |   |   |
|---|---|
| Administration of Justice—Jesse Woodard                 | Government—Joann Paine                                  |
| Agricultural Industries—Eugene Wood                     | Guidance and Educational Psychology—John J. Cody        |
| Animal Industries—G. B. Marion                          | Health Education—Donald Boydston, Charles E. Richardson |
| Anthropology—Edwin A. Cook                              | Higher Education—John E. King, Donald Tolle             |
| Art—Milton Sullivan                                     | History—James Murphy                                    |
| Art Education—Roy Abrahamson                            | Home Economics Education—Anna Carol Fults               |
| Behavior Modification—Robert Campbell                   | Instructional Materials—Gordon Butts                    |
| Biological Sciences—Edwin Galbreath                     | Inter-American Studies—Albert W. Bork                   |
| Botany—William Ashby                                    | Journalism—George C. Brown                              |
| Business Administration—Gola E. Waters                  | Linguistics—James Redden                                |
| Chemistry and Biochemistry—Richard Arnold, James Cox    | Mathematics—Carl E. Langenhop                           |
| Child and Family—Michael Zunich                         | Microbiology—Maurice Ogur, Hassan Rouhandeh             |
| Clothing and Textiles—Rose Padgett                      | Molecular Science—John Zimmerman                        |
| College Student Personnel—Jack W. Graham                | Music—Roderick Gordon                                   |
| Community Development—Richard Thomas                    | Occupational Education—Larry Bailey                     |
| Computer Science—A. M. Mark                             | Philosophy—Lewis E. Hahn                                |
| Design—Jane Merchant                                    | Physical Education (Men)—Edward J. Shea                 |
| Early Childhood Education—Nancy Quisenberry             | Physical Education (Women)—JoAnne Thorpe                |
| Economics—Robert Ellis                                  | Physics—Richard Schlecht                                |
| Education (Ph.D. Program)—Dean L. Stuck                 | Physiology—Ralph Stacy                                  |
| Educational Administration and Foundations—Edward Sasse | Plant Industries—Irvin Hillyer                          |
| Elementary Education—Luther Bradfield                   | Psychology—David Ehrenfreund, Janet Rafferty            |
| Engineering   | Recreation and Outdoor Education—Loren Taylor           |
| Electrical and Systems Engineering—J. G. Smith          | Rehabilitation Administration—Robert E. Lee             |
| Engineering Mechanics and Materials—P. K. Davis         | Rehabilitation Counseling—Brockman Shumacher            |
| Thermal and Environmental Engineering—Juh-wah Chen      | Russian—Joseph Kupcek                                   |
| English—Howard Schultz                                  | Secondary Education—R. J. Fligor                        |
| English as a Foreign Language—James Redden              | Secretarial and Business Education—Harves Rahe          |
| Family Economics and Management—Karen E. Craig          | Sociology—Peter Munch                                   |
| Food and Nutrition—Frank Konishi                        | Spanish—Lincoln Canfield                                |
| Forestry—Ali A. Moslemi                                 | Special Education—James Crouner                         |
| French—Maxine Vogely                                    | Speech—Thomas Pace                                      |
| Geography—Douglas Carter                                | Speech Pathology and Audiology—John Moncur              |
| Geology—Russell Dutcher                                 | Theater—Archibald McLeod                                |
| German—Howard French                                    | Zoology—George Garoian                                  |



## Grading System

Grades are recorded by the letters *A*, *B*, *C*, *D*, and *E* ( $A = 5.00$ ). *A* is for outstanding work, *B* for good or average performance, *C* for conditional or not fully satisfactory work, *D* and *E* for failure. Only courses for which the grades of *A*, *B*, *C*, or *S* have been received are acceptable in fulfillment of graduate degree requirements. Other grades may be:

**W**—Authorized withdrawal made through a program change where no basis for evaluation has been established. Work may not be completed. This grade is not included in grade point computation for retention purposes.

**WP**—Authorized withdrawal made after first four weeks through a program change with a passing grade. Work may not be completed.

**WE**—Authorized withdrawal made through a program change after the first four weeks with failing grade. Work may not be completed, but grade is included in calculation of average.

**INC**—Incomplete. Has permission of instructor to be completed within a time period designated by instructor, but not to exceed one year from the close of quarter in which course was taken. If *Inc.* remains, it is not included in grade point computation. To complete the work, a student should not register for the course again but should complete the work from the original registration.

**DEF**—Deferred. Used only for graduate courses of an individual, continuing nature such as thesis or research. When the work is completed, grade is changed to a letter grade.

**ABS**—Unauthorized withdrawal. Used when student fails to continue in attendance, but does not withdraw through a program change. Counted as an *E* in calculating grade point average.

**S**—Satisfactory. Used for noncredit courses, thesis and dissertation hours, and certain specially designated and approved 500-level research, internship, or practicum courses. Is not counted in calculating grade point average.

**U**—Unsatisfactory. Used for noncredit courses, thesis and dissertation hours, and certain specially designated and approved 500-level research, internship, or practicum courses. Is not counted in calculating grade point average.

**AU**—Audit. A student registering for a course on an audit basis receives no letter grade and no credit hours. An auditor's registration card must be marked accordingly and he pays the same fees as though he were registering for credit. A student registering for a course for audit may change to a credit status or vice versa through the official program change method during the first four weeks of a quarter. Thereafter the change may not be made.

**Note:** Letter grades *A*, *B*, *C*, *D*, and *E* as well as the grades *WE* and *ABS* are included in grade point averages for academic retention. Authorized withdrawals made through a program change during the first four weeks of the quarter do not carry a grade. After four weeks it is at the discretion of the instructor whether or not a letter grade will be given for an authorized withdrawal.



## 2 / Instructional Units

### **Administration of Justice**

The Center for the Study of Crime, Delinquency, and Corrections offers the Master of Science degree in administration of justice. This curriculum is a multidisciplinary study of crime, criminals, and societal responses to their behavior. Through merger of theoretical orientations and practical experience, students are prepared for careers in law enforcement, court administration and auxiliary services, correctional institutions, community-based programs, teaching in criminal justice curriculums, and criminal justice planning agencies. The projects and research activities of the center expose students to issues and settings of their subsequent careers.

Unconditional admission requires a 3.7 overall undergraduate average and acceptance by the center's faculty. Scores from the Graduate Record Examination (aptitude portion only) are also required by the center. Graduation requires writing of a thesis and completion of supervised field work. The sixty quarter hours of instruction include required core courses: AJ 501a,b,c, AJ 580 and AJ 583; supervised field work; and related courses. Students with undergraduate backgrounds particularly applicable to this curriculum may have the number of hours reduced to 52 quarter hours. Students with their advisory committees plan individualized multidisciplinary programs relevant to their academic and career objectives.

Application forms for both the Graduate School and the administration of justice must be separately submitted. Upon request to the center application forms from the Graduate School and center will be sent. Acceptance in the program is contingent on the final approval of the administration of justice admissions committee after processing by the Graduate School.

The center also supports joint graduate programs for students oriented primarily into the Departments of Government, Psychology, and Sociology. Inquiries may be addressed to the chairman of the center, Academic Affairs.

### **Agricultural Industries**

The Department of Agricultural Industries offers graduate work leading to the Master of Science in agricultural industries with concentrations in agricultural economics, agricultural education and agricultural services. Students interested in the Doctor of Philosophy degree in economics with a concentration in agricultural economics should consult with the Department of Economics. Students interested in advanced degrees in education beyond the masters with a concentration in agricultural education should consult with the College of Education.



### *Agricultural Economics*

The concentration in agricultural economics is designed for the professional agricultural economist. Specialization may be attained in farm management, agricultural marketing, agricultural prices, agricultural policy, resource economics, and agri-business management.

Application forms for admission to the Graduate School may be obtained from the Graduate School.

For entering graduate students to be accepted on an unconditional basis in the agricultural economics concentration of the Master of Science program, a minimal GPA of 3.7 is required and an undergraduate competence in economics and agricultural economics must be demonstrated. Students may be accepted on a conditional basis if the GPA is below 3.7. Students with an insufficient background in economics or agricultural economics may be admitted if remedial courses are taken.

A minimum of 48 hours of graduate credit, including thesis or research hours, is required for the Master of Science in agricultural industries with a concentration in agricultural economics. At least 24 hours must be at the 500 level. Twelve hours must be agricultural economics courses, 8 hours economics courses, and 8 hours statistics or accounting courses. M.S. students usually take 6-9 hours of research or thesis and complete the additional hours by taking courses in agricultural economics or in their major area of concentration in the School of Business. A thesis or research paper is required. In some cases, particularly for students holding assistantships, four academic quarters may not be sufficient time in which to complete degree requirements.

Inquiries for financial assistance and additional information should be directed to the chairman of the Department of Agricultural Industries, Southern Illinois University at Carbondale, Carbondale, Illinois, 62901.

### *Agricultural Education*

The concentration in agricultural education is designed for instructors in secondary schools, for students preparing for employment at junior colleges and for those desiring to continue their education by obtaining a Ph.D.

Application forms for admission to the Graduate School may be obtained from the Graduate School. For entering graduate students to be accepted on an unconditional basis in the agricultural education concentration of the M.S. program a minimal GPA of 3.7 is required. Students may be accepted on a conditional basis if the GPA is below 3.7.

A minimum of 48 hours of graduate credit, including thesis or research hours, is required for the M.S. in agricultural industries with a concentration in agricultural education. At least 24 hours must be at the 500 level. A minimum of 18 hours is required in agriculture (including agricultural education), 8 hours of research methods or statistics, and 8 hours in education or community development. M.S. students usually take 6-9 hours of research or thesis, and complete the additional hours by taking courses in education or agriculture. A thesis or research paper is required. In some cases, particularly for students holding assistantships, four academic quarters may not be sufficient time in which to complete degree requirements.

Inquiries for financial assistance and additional information should be directed to the chairman of the Department of Agricultural Industries,

Southern Illinois University at Carbondale, Carbondale, Illinois, 62901.

### *Agricultural Services*

The agricultural services concentration is designed to permit students who are engaged in agriculture as extension workers, soil conservation employees, etc., to expand their educational experiences in light of current and prospective employment goals and opportunities.

Application forms for admission to the Graduate School may be obtained from the Graduate School. For entering graduate students to be accepted on an unconditional basis in the agricultural services concentration of the M.S. program, a minimal GPA of 3.7 is required. Students may be accepted on a conditional basis if the GPA is below 3.7.

A minimum of 48 hours of graduate credit, including thesis or research hours, are required for the M.S. in agricultural industries with a concentration in agricultural services. At least 24 hours must be at the 500 level. Eighteen hours must be agricultural courses. Students usually take 6–9 hours of research or thesis and complete the additional hours by taking courses in their major area of concentration. A thesis or research paper is required. In some cases, particularly for students holding assistantships, four academic quarters may not be sufficient time in which to complete degree requirements.

Inquiries for financial assistance and additional information should be directed to the chairman of the Department of Agricultural Industries, Southern Illinois University at Carbondale, Carbondale, Illinois, 62901.

### **Animal Industries**

The Department of Animal Industries offers programs of study leading to the Master of Science degree. Programs may be designed to meet the requirements of candidates in the various disciplines of animal behavior, breeding, nutrition, and physiology. Minimum requirements for the master's degree may be fulfilled by satisfactory completion of 48 quarter hours of graduate credit. If the student writes a thesis, 24 of these quarter hours must be in animal industries courses; if the student submits a research paper, 30 of these quarter hours must be in animal industries courses. Minimal requirements for students entering the master's degree program involving a thesis are a) meet animal industries undergraduate requirements, b) minimal GPA of 3.7 ( $A = 5.0$ ). Students who do not meet the undergraduate requirements may correct these deficiencies while an unclassified student or select the non-thesis option and complete at least 10 quarter hours of undergraduate course work in animal industries in addition to the 30 hours of departmental graduate credit. Students entering the animal industries graduate program with a GPA below 3.70 are accepted on a conditional basis and must enroll in 12 hours of structured courses at the 400–500 level during his first quarter, and make a 4.0 GPA or he is dropped from the program.

Each student, whether in the thesis or non-thesis option, will have an advisory committee of at least three members including the departmental chairman and at least one other member of the department. Each master's degree candidate must pass a comprehensive oral examination covering his graduate work including the thesis or research paper.

Research leading to a thesis can be conducted with beef cattle, dairy



cattle, horses, poultry, sheep or swine. Supporting courses may be selected in applied science, chemistry, mathematics, microbiology, physiology, zoology, behavioral sciences, etc.

Students who wish to emphasize the study of animal production in a program leading to the Master of Science degree might select a majority of their supporting courses from the Departments of Agricultural Industries or Plant Industries.

Admission to programs administered by the Department of Animal Industries must be approved by the department. Application for admission to graduate study in animal industries should be directed to the Graduate School. The applicant must have the registrar of each college previously attended send three official transcripts of his record directly to the Graduate School. Supporting materials for the application should be sent to the Department of Animal Industries and include two letters of recommendation from individuals who can evaluate the candidate's academic ability and a letter in which the applicant expresses his professional and personal objectives.

Students interested in animal science at the doctoral level can be admitted to a program of study leading to the Ph.D. degree in physiology. The program, which is administered by the Graduate School through the Department of Physiology, is adequately flexible to allow candidates to emphasize such areas as behavioral science, endocrinology, meat science, metabolism, microbiology, physiological genetics, or reproductive physiology.

Minimum requirements have been established for students entering the Ph.D. program. These include undergraduate training in biology, inorganic and organic chemistry, and one year of both mathematics and physics. Deficiencies in these areas must be resolved prior to entry into the program.

Information concerning admission policies, requisites for graduation and availability of financial assistance for graduate study in any specific program can be obtained from the Department of Animal Industries, Southern Illinois University at Carbondale, Carbondale, Illinois 62901.

## **Anthropology**

### *General Requirements*

Acceptance for graduate study in anthropology and subsequent continuation in the graduate program are at the discretion of the Department of Anthropology, provided that the student has been admitted into the Graduate School and meets the retention requirements of the Graduate School.

Application forms for admission to the Graduate School may be obtained from the Graduate School. In addition to the materials required by the Graduate School, the student must send three letters of recommendation and a personal statement of aims and interests addressed to the chairman of the department.

Although Graduate Record Examination scores are no longer required by the department, the student is invited to include these scores with other data supplementing his application papers. The student is advised, however, that inclusion of such scores may be required as a part of a future application for non-university grants or fellowships.

No special program of previous work is required. Applicants with academic degrees in fields other than anthropology are accepted. However,



in consultation with the department, a plan for remedying undergraduate deficiencies in anthropology will be arranged.

In some cases the department may petition the graduate dean for permission for the student to be admitted to Ph.D. level study without formal receipt of the master's degree on the basis that his graduate work is equivalent to a master's degree.

The student coming to Southern Illinois University at Carbondale for either the M.A. degree or the Ph.D. degree will be given a choice between alternatives A or B noted below. Inasmuch as these involve anthropology, they will include the traditional major sub-fields which, as staff is available, will be archaeology, cultural anthropology, social anthropology, linguistics, and physical anthropology.

(A) Concentration in a major sub-field of anthropology with sufficient work in the other sub-fields to allow the student a general understanding of their coverage, method, and theory.

Students in program A will be expected and encouraged to go outside the discipline of anthropology as it is formally structured today. A student taking the social anthropology concentration, for example, might do work in one or more sub-fields of sociology, psychology or social psychology, or in applied fields such as community development. A culture historian might be involved in geology, cultural or physical geography, botany, zoology, history, or paleontology. A linguist might have a similar range of outside fields depending on the needs of the individual student.

(B) A degree in which two or even three basic anthropological sub-fields can be merged.

For example, a student might wish to combine social anthropology and linguistics or archaeology and social anthropology. In such a case an internalized program could be worked out. Outside fields may be included in this alternative, though they will be less heavily stressed than the anthropological ones.

In all cases the student in either category A or B will be expected to have at least two subject fields, one of which must be within Anthropology. All students in either the M.A. or Ph.D. programs will be required to have a reading knowledge of a major literary language foreign to the student. In addition, all graduate students in anthropology are required to have formal experience in teaching.

### *The Program*

A student coming into the Department of Anthropology is expected to take a well-rounded curriculum in anthropology during his first year, the actual coursework being determined by his background in anthropology, TA and RA duties, etc. All students will take Anthropology 415 (Philosophy of Social Science) or such substitute as the department may deem desirable. A student must have a minimum of eight graduate level courses over a 3-quarter period, including at least one graduate credit course or seminar in each of the major sub-fields of anthropology for which staff is available.

Midway in the third quarter of his/her first year in graduate school, the student will take a written diagnostic examination. The first part of this examination will consist of six hours; one and a half hours for each of the subjects of linguistics, social and cultural anthropology, archaeology, and physical anthropology. In the second part of the examination, the student will be given a selection of data (for example, a journal article) to take

home for a period of 72 hours. He/She will be asked to turn in a concise analysis and comment on these data. The purpose of the examination is not to test knowledge of anthropological data but rather to test a student's ability to manipulate abstract concepts and to express concepts clearly in writing. All members of the faculty in residence will read the two parts of the examination which will be considered as a unit and voted on as a whole. Grades will be pass or fail. A simple majority vote will pass or fail, and students who fail will be dropped from the program. Under no circumstances shall any student repeat the diagnostic examination.

At the end of the academic year students who successfully pass the diagnostic examination will have their academic record evaluated by the Executive Committee of the department. The executive committee, after consultation with other members of the department, will direct the student to make up any subject deficiencies by recommending specific course work. The executive committee, after consultation with the faculty, will also decide at this time whether the student is to go into an M.A. or a Ph.D. program.

### *Masters Degree Program*

Students accepted for the masters program will request a committee chairman who shall be a continuing member of the Department of Anthropology. A second faculty member, who may be from outside the department, will be chosen by the student and his chairman in consultation with the departmental chairman or director of graduate studies.

In order to meet the requirements for the M.A. degree, the student must have a total of 48 hours of graduate course work of which at least half of the hours must be 500 level. The student will take, in addition to the 48 hours, 5-9 hours of thesis credit and will present a thesis or professional paper published (or one accepted for publication) in a professional journal. A copy of the thesis or published paper must be deposited with the department, and two aproved copies must be deposited with the Graduate School. Decisions on thesis topic, area, tool requirements, definition of professional journal, etc., will be the prerogative of the Committee. From time to time special M.A. programs may be offered within the departmental graduate structure.

### *Doctor of Philosophy Degree Program*

Immediately after being advanced to the doctoral program, the student, in consultation with the chairman of the department or the director of graduate studies, will choose a committee chairman. The committee chairman and student together will then select four additional committee members. One member of the committee must be from outside the department and a second member may also be from outside the department. This committee shall normally direct the student in all subsequent graduate work and, after approval by the graduate dean, shall direct the dissertation. Any changes in the membership of the committee shall be with the concurrence of the student and the committee chairman and notice shall be given to the executive committee.

The requirements for the doctoral program are noted below:

(1) Additional course work. This involves not only work in anthropology but, as discussed above, work in other fields where necessary. The committee is expected to outline a definite course of studies that will usually involve, minimally, an additional academic year of full-time course work.



(2) Tool requirements. These vary from student to student and shall be at the discretion of the committee. The student will in all cases be expected to have a good working knowledge of a major literary language foreign to the student. Other requirements might include such skills as computer science, statistics, econometrics, biometrics, a second language, or any combination of such skills deemed necessary.

(3) After completing the equivalent of the Masters degree as defined by the Graduate School, the student must apply to the Graduate School for admission as a doctoral student.

(4) Within such time as deemed advisable by the student and his committee, but not to exceed three years of full-time graduate work, the student will be given a three-hour oral examination covering those areas of anthropology in which he/she is to concentrate. Unless the graduate dean has granted an exception requested by the committee, the student cannot take the examination until two years of full-time graduate work have been completed. As a result of this examination the committee may, by majority vote, decide the following:

- (a) The student, having passed the examination, is recommended to the Graduate School for formal candidacy.
- (b) The student, having failed the examination, is allowed to retake it after an additional period of study, which is determined by the committee.
- (c) The student, having failed the examination, is eliminated from the program.

Students who are allowed to retake the oral examination will usually maintain the same committee for the second examination. At this stage the student may, in consultation with his/her committee chairman and the chairman of the department or the director of graduate studies, still elect to take a masters degree, in which case he/she enters the M.A. program as outlined above.

### *Ph.D. Candidacy*

A student will be advanced to candidacy when (1), (2), (3) and (4-a) above have been completed. At this point the candidate will normally undertake a period of problem-oriented fieldwork.

### *Dissertation*

Under normal circumstances, the chairman and other members of the oral examination committee will serve as the student's dissertation committee. However, changes in the composition of the committee may be made with the approval of the department. Candidates for the Doctor of Philosophy degree must register for 36 hours of dissertation credit under Anthropology 600.

For the dissertation to be accepted, all five committee members, ideally, should concur; at the least, concurrence of the committee chairman and three of the four other members shall be required.

Following the successful completion of the dissertation, a defense of dissertation shall be held in which members of the Department of Anthropology and of other departments who may be concerned will be invited. All guests may direct questions to the candidate. To pass the dissertation defense, the candidate may have no more than one dissenting vote of his dissertation committee. The student is required to file a copy of his/her dissertation with the department, as well as filing two acceptable copies with the Graduate School.



## Art

The School of Art offers graduate studies leading to the Master of Fine Arts degree in studio, and in addition offers studies constituting a concentration in art education for the Master of Science in Education degree in secondary education. The student is expected to select an area of specialization (studio or art education), and in accordance with specialization, a program will be planned in consultation with the major professor in that area.

Credit hour requirements for the Master of Fine Arts degree in studio (painting, printmaking, drawing, sculpture, ceramics, metalsmithing, and weaving), are a minimum of 60 quarter hours, and all hours that are to count towards graduation must have the approval of the student's major adviser in his studio specialty. The length of time required to complete a 60-hour program is usually 6 academic quarters or 2 academic years. Most graduate students are in residence for 6 academic quarters, but the minimum residency requirement is 3 academic quarters. Programs of residency must have the approval of the student's major adviser.

Required hours are distributed as follows: 30 hours in major field (studio specialty), 12 hours in art history or related subjects, 5 to 9 hours in thesis or terminal project work, and the remainder in electives. Elective hours may be completed within any discipline in the School of Art, or in the University at large.

In addition to the completion of course work, all candidates for the M.F.A. degree, must during the last quarter of academic work, present a graduate exhibition, present a terminal project or a written thesis, and participate in an oral examination. The terminal project is a creative activity presented in lieu of the written thesis, and in practice, the graduate exhibition is considered to satisfy the terminal project requirement.

The cost of graduate education in studio specialties is expensive, and because of the individual nature of creative work, it is virtually impossible to predict the exact cost for each student. The School of Art provides the faculty, and the studio and shop facilities that are necessary to the programs offered, but all other costs, especially materials, that are considered necessary to the successful completion of a graduate program are borne by the student.

The concentration in art education of the Master of Science in Education degree in secondary education requires a minimum of 48 quarter hours of graduate credit. These hours are distributed as follows: 24 hours in education (including 4 hours of Art 566, Research in Art Education, 4 hours of Art 560, Seminar in Art Education and either (1) 5 to 9 hours of thesis work or (2) enrollment in S.Ed. 575, Independent Research plus preparation of a research paper); and 24 hours in the areas of art education, art history, studio or crafts (including 4 hours of Art 466, Studio in Art Education and 20 hours of electives.) All hours that are counted toward graduation and election of either a thesis project or a research paper must have the approval of the major adviser in art education.

An undergraduate degree in art or art education, or the equivalent in course work or experience if the undergraduate degree is in another discipline, is required for admission into the Master of Fine Arts degree program. The student must also submit transcripts of all previous undergraduate work, present slides or a portfolio of his creative work, and may

submit letters of recommendation. An undergraduate degree in art education is required for admission into the program constituting a concentration in art education for the Master of Science in Education degree in secondary education. Any exception to these requirements must be approved by the faculty in the studio or art education specialties and by the director of the School of Art.

### Asian Studies

A graduate minor is offered in Asian Studies which may be made up by selecting from the following courses which are listed by departments: Agricultural Industries 417; Anthropology 401, 483, 585, Art 451a,b,c, 571, 572; Economics 460, 461, 462; Geography 466, 522; Government 457, 458a,b,c, 480, 521, 595; History 448, 449, 455, 510, 514; Philosophy 490, 591. Thesis and dissertations on Asian topics may also be written by students in any of several majors.

Interested graduate students may write to or consult with the chairman of the Committee on Asian Studies.

### Biological Sciences

#### *Requirements for Admission*

1. Bachelor's degree with a major in a natural science department.
2. Admission to the Graduate School.
3. Approval of the chairman of the Biological Sciences Committee or his designated representative.

#### *Requirements for the Master of Science Degree in Biological Sciences*

Complete 60 hours of graduate courses in the biological sciences. The specific courses required of any student are to be determined by consultation between the student and the program committee, with the following provisions:

1. No more than 35 hours of credit in any one department may be used for the degree.
2. No minor area is required.
3. Have at least 24 hours of credit in 500-level courses. These may not include more than 4 hours for "special problems," 4 hours for "seminars," and 4 hours for "readings."
4. Complete at least one 400- or 500-level laboratory course in three of the departments of the biological sciences. (No special credit, such as indicated in 3 above, will satisfy this requirement.)
5. Submit a research paper.
6. Attend, for credit, at least one quarter of seminar in three of the departments of the biological sciences.

#### *Advisement*

Guidance of students shall be by a program committee of three members, one from each of the biological science departments involved, or other departments at the discretion of the program committee. The program director will serve as an *ex-officio* member.



Graduate work may be taken in the Departments of Botany, Microbiology, Physiology, and Zoology to obtain a Master of Science degree in biological science in the College of Liberal Arts and Sciences.

Additional information may be obtained from the director of the graduate biological program, Department of Zoology, Southern Illinois University, Carbondale, Illinois 62901.

### **Botany**

Graduate work may be taken in the Department of Botany as a major or minor leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees and as a part of the program in biological sciences leading to the Master of Science or the Master of Science in Education degree.

Applicants for the advanced degrees must be approved by the department. Queries concerning graduate work in botany should be made to the graduate adviser in botany. To be eligible for graduate work in botany, the student must have an equivalent to an undergraduate minor in botany. Certain deficiencies may be made up concurrently with graduate work.

In accordance with the general requirements of the Graduate School a candidate for the Master of Arts or Master of Science degree must complete 48 hours of graduate credit and a thesis. The Master of Arts candidate must demonstrate a competence in a foreign language.

The Doctor of Philosophy degree requires, in addition to a dissertation, a reading knowledge of two foreign languages or one foreign language and statistics or computer programming, if recommended by the candidate's committee.

### **Business Administration**

The graduate faculty in business administration, consisting of members of the Departments of Accountancy, Administrative Sciences, Finance and Marketing of the School of Business at Carbondale, offers the Master of Business Administration degree. The M.B.A. program has as its objective the development of professional managers and executives to serve the needs of business and government and to prepare interested graduates for doctoral study. The program has been structured with flexibility so as to serve holders of baccalaureate degrees in business administration as well as those who hold degrees in other disciplines.

#### *M.B.A. Admission Requirements*

1. Complete all admission requirements set forth by the Graduate School.

2. Complete the Admission Test for Graduate Study in Business (Princeton Test) and have the results of the test mailed directly to the assistant dean, graduate studies in business administration. Information regarding this test is available by writing to: Admission Test for Graduate Study in Business, Educational Testing Service, Box 966, Princeton, New Jersey 08540.

3. Complete an interview with the director of graduate programs in business administration. This interview may be delayed in individual cases where a special trip to the campus would require travel in excess of one hundred miles to reach the Carbondale campus.



4. An undergraduate cumulative grade point average of 4.00 is preferred, and no less than 3.5 grade point average is permitted for admission. These averages are calculated on a 5.0 scale.

### *M.B.A. Degree Requirements*

A minimum of 48 quarter hours of course work plus a terminal examination (oral, written, or both) are required. Candidates who receive permission to write a thesis must complete a minimum of 44 quarter hours of course work plus an acceptable thesis for which 8 quarter hours of credit are assigned.

Candidates who lack the necessary prerequisites may be required to complete as much as 36 additional quarter hours of acceptable course work. Those who enter the Master of Business Administration program with deficiencies in any of the basic areas in the common body of knowledge in business and administration as specified by the American Association of Collegiate Schools of Business must eliminate the deficiencies in a satisfactory manner prior to starting the program course work.

The Master of Business Administration program course work to be taken beyond that needed to eliminate deficiencies is determined on an individual basis in conference with the director of graduate programs in business administration. Candidates must satisfy requirements in the following areas: quantitative methods, accountancy, administrative sciences, economics, behavioral sciences, legal environment of business, finance, marketing, communications, and business policy.

The candidate may select a concentration, not to exceed 24 quarter hours of credit in accountancy, or 16 quarter hours of credit in administrative sciences (personnel or production), or finance, or marketing. The candidate may also choose courses in a wide variety of areas of graduate study throughout Southern Illinois University at Carbondale.

### **Chemistry and Biochemistry**

Graduate courses of study leading to the Doctor of Philosophy and Master of Science degrees are offered by the Department of Chemistry and Biochemistry. Interested students should consult the chairman of the department for a complete statement of the requirements for each degree. The following is a summary of these requirements.

#### *Master of Science Degree*

In addition to meeting the general requirements of the Graduate School, a candidate for the Master of Science degree in chemistry is required to:

1. Pass field examinations in 3 of the 5 fields (analytical, inorganic, organic, physical, and biochemistry) of chemistry or complete their equivalent in course work with a grade of *B* within the first six quarters of residence.

2. Earn 9 credit hours at the 500 level in one of the five basic fields of chemistry (Chemistry 451a,b,c may be taken in place of two 500 level biochemistry courses) and earn credit in one chemistry course at the 500 level in each of two other fields.

3. Earn 40 hours credit in chemistry courses, or 30 hours in chemistry if an outside minor is elected. A total of 48 quarter hours is needed for graduation of which 24 hours must be at the 500-level.

4. Maintain a 4.00 grade-point average.

5. Attend weekly seminars and earn one hour credit (Chemistry 595) by presentation of a seminar.
6. Earn a minimum of 12 hours in research and thesis (Chemistry 598 and 599).
7. Demonstrate reading competence in one of the following languages: German, Russian, or French.
8. Prepare and present a thesis on the research carried out.
9. Pass a final oral examination.

### *Doctor of Philosophy Degree*

Students entering the Ph.D. program either must have a master's degree in chemistry or must meet all of the requirements of the Graduate School and of the Department of Chemistry and Biochemistry for the master's degree except for the thesis and oral examination requirements which may be omitted. In addition, all students in the Ph.D. program must:

1. Fulfill proficiency requirements in physical chemistry and three of the other four fields (analytical, inorganic, organic and biochemistry) of chemistry or complete their equivalent in course work with a minimum grade of *B* within six quarters of residence, exclusive of summer quarters.

Students fulfilling the proficiency requirements in only 3 fields within the specified period may continue toward the M.S. degree. On successful completion of all the requirements for the latter degree, including thesis and final oral examination, they may petition the department requesting permission and conditions for continuing work toward the Ph.D. The department, acting as a committee of the whole, will rule on such petitions on due consideration of the recommendation of the candidate's graduate committee and all other pertinent information.

2. Complete a course of study as determined by his graduate committee.
3. Earn one hour credit in seminar (Chemistry 595) beyond the Master of Science degree requirement and attend weekly seminars.
4. Earn a minimum of 48 hours in research and dissertation (Chemistry 598 and 600).

5. Pass cumulative examinations.

- a. After having fulfilled all the proficiency requirements, a candidate may begin taking cumulative examinations. A graduate student holding a master's degree in chemistry may proceed with the cumulative examinations in those areas in which he has fulfilled the field examination requirements.

- b. A student may elect to take cumulative examinations in his major area only, or he may elect to take cumulative examinations in different areas. If the student elects the latter course of action, he must so inform the chemistry department graduate advisers at the time that he selects director of his intention to pursue a cross-area curriculum. It is the responsibility of the student's graduate committee to determine how the cumulative examinations are to be divided among the several areas. However, in no case can the total cumulative examination requirement be less than stipulated below.

- c. Ten examinations are to be given each calendar year with two examinations respectively in the fall and summer quarters and three examinations respectively winter and spring quarters. Cumulative examinations may be written examinations not to exceed two hours in length. Take-home examination, laboratory examinations, or oral examinations may be substituted for a written examination. All areas



will give their examination simultaneously. The time and place for the examination will be posted at least ten days before an examination. The subject of an examination may be announced in advance of the examination. A student must register to take the examination at least one week before it is scheduled.

d. A student must pass 5 examinations in no more than 14 trials in order to continue for the Ph.D. degree. *A student must take consecutive examinations.* He is urged to begin as soon as he is eligible. He is not liable for examinations during any time he is not enrolled in school.

6. Pass preliminary oral examination following completion of the cumulative examination requirement and the research tool requirement.

7. Maintain a 4.25 grade-point average.

8. Demonstrate competence in one of the following languages if this requirement was not fulfilled during previous graduate studies: German, French, or Russian. This requirement must be fulfilled prior to scheduling the preliminary oral examination.

9. Complete his dissertation following the specifications set forth by the Graduate School.

10. Schedule and pass a final oral examination (defense of dissertation). Copies of the dissertation must be distributed to the members of the graduate committee at least one week prior to the examination.

### Community Development

The Community Development Institute offers an inter-disciplinary Master of Science degree in community development consisting of 48 credit hours, a field internship, and the completion of one of four terminal options. Within this degree program, and depending upon professional plans, the master's candidate is able to minor in one discipline; such as, agriculture, anthropology, economics, education, geography, government, history, psychology, or sociology; or to pursue a multi-disciplinary minor in such areas of concentration as urban studies, planning, group work, or international development. To be admitted, a student must meet the requirements of the Graduate School, submit to the Director of the Institute a statement of background and career interest in the field of community development and three letters of recommendation, and also complete the following courses or their equivalent at either the graduate or undergraduate level:

CD 401, Introduction to Community Development	4 hours
Social Statistics	3-4 hours
An introductory and one other course in sociology	6-8 hours

In certain circumstances, the above prerequisites may be completed after admission to the major.

The specific requirements of the community development Master of Science degree program include the following:

1. Courses designed or approved by the Community Development Institute, including one of four alternative terminal options (master's thesis, terminal research paper, extended minor, or master's project), totaling 28 hours: CD 501, 502, 503, 511, 598, and 596 or 599.

2. Work in one or more allied fields, such as those mentioned as minors above, totalling 20 hours.

3. Up to one year of supervised part-time field work in community de-



velopment (approximately 400 clock hours.) There is no additional fee for the internship, but students should be prepared to budget sufficient time to meet the requirement. This totals approximately one academic quarter, but may be distributed in a variety of ways.

4. Satisfactory completion of a terminal oral examination at which the master's candidate defends work done in his terminal option as well as his knowledge of the field of community development.

### Computer Science

The Department of Computer Science offers a graduate program leading to the Master of Science degree.

Application forms for admission to the computer science program should be obtained from the Graduate School. Decisions concerning the admission of students to and their retention in the graduate program will be made by the department faculty subject to the requirements of the Graduate School. The department does not have any specific grade point average requirement for admission but the student's academic record will be examined for evidence that he can meet the standards required of graduate students. An undergraduate major in computer science is not required for admission and students with majors in other fields are accepted.

The student applying for admission will be expected to have completed a standard sequence in calculus. No other formal course requirements are stated for admission, but it should be understood that a student with minimal background may be expected to take additional work on a deficiency basis.

### Requirements

The requirements for the M.S. degree include a minimum of 48 hours of graduate credit. However, the actual number of hours which the student must take is dictated by the degree of preparation of the student at the time he enters the program. The extent of this preparation is generally defined by the number of core courses (or equivalents) which the student has taken prior to admission and hence need not repeat as a graduate student in the program.

#### (1) Core Requirements

- (a) Computer Science 403, 411, and 414
- (b) Computer Science 442, 445, 451, and 464a,b
- (c) Computer Science 470 or 472
- (d) Mathematics 421a,b
- (e) Mathematics 480a,b or 483a,b

#### (2) Group Requirements

With respect to the following three groups of courses, the student is required to take at least six hours from one group and at least three hours from each of the remaining groups:

Group a: Computer Science 551, 554, 557

Group b: Computer Science 514, 516a,b, 518

Group c: Computer Science 531, 536, 564a,b

#### (3) Other Requirements

- (a) The student will be required to write a thesis carrying 5 to 8 hours credit under Computer Science 599. The thesis adviser will be assigned by the department after consultation with the student.
- (b) Additional courses to complement and supplement prior work

so that the total program involves at least 48 hours of graduate credit with at least 24 hours at the 500 level. Pertinent graduate level courses from other departments may be counted for credit but approval must be given before such courses are taken.

(c) At the completion of his work, the student will be given a final oral examination over his thesis and other topics.

## **Design**

The Department of Design attempts a generalized rather than a specialized design education. Through his undergraduate years the student is led to treat man and his environmental transactions in terms of whole systems rather than of isolated aspects or component parts. Emphasis is placed on the overall solutions to human problems which may be encompassed through design procedures.

The graduate program of the department continues this broad integrative approach but assumes that, at this level, the student should concentrate his studies in a more closely defined area within which he should work in depth.

It is recognized, however, within the present massive accelerations in the design possibilities of man's control over his environment, that the format of such graduate study should offer the utmost flexibility and capacity for change. The entire graduate program should be viewed as experimental in nature and one whose content and approach will be adjusted according to experience and field developments.

Students with an undergraduate background in various areas of design specialization may qualify for the master's degree program. In addition, on the premise that the association of diverse disciplines participating in the design process may often yield productive and enriching interactions, students with an undergraduate background in fields other than design will be accommodated. Special arrangements should be developed in consultation with the chairman of the department.

Students applying to the department must submit a letter explaining their background, their reasons for selecting this program, and their major goals; and examples of work that they have produced to the head of the graduate program. A faculty committee will review the letter and work and when possible have a personal interview with the applicant to evaluate his acceptance into the department.

The two-year program leading to a Master of Science degree requires at least 34 hours of graduate study in the Department of Design; at least 18 hours of study outside the department; and 9 hours of thesis. Within the structure of this program, the students will work as an operational research organization and through individual studies. There will also be the opportunity to participate in seminars and lectures given by distinguished visiting professors. The faculty are interdisciplinary representing the fields of design, systems analysis, social psychology, and computer science.

## **Economics**

### *General Information*

Graduate courses in economics may be taken as a major or minor leading to the Master of Arts, Master of Science, or Doctor of Philosophy degrees.



In addition to Graduate School admission standards, the Department of Economics requires completion of the verbal, quantitative, and advanced economics portions of the Graduate Record Examination except where it may create a hardship for international students.

### *Master's Degrees*

Either the M.A. or M.S. degree requires successful completion of 48 hours of graduate work, of which at least 33 hours must be in economics courses and of which at least 24 hours must be at the 500 level. There are required courses in statistics, mathematical economics, macro and micro-economic theory. In addition to these stipulations, the master's degree can be completed in one of three ways. A thesis may be written for which the student may receive up to 9 hours credit, counted as part of the 48 hours total. A second option is to include among the 48 hours, Economics 510, Research in Economics. A third option is to take and pass the qualifying exam for the Ph.D. degree. Each of the latter two options also requires the submission of a research paper. Candidates for the M.A. degree must also demonstrate proficiency in one of the foreign languages required for the Ph.D. degree at the level prescribed for that degree. If the student intends to enter the doctoral program, he should also take the remaining courses for the qualifying exam which includes monetary theory and policy and advanced work in micro and macroeconomic theory. Before undertaking work in mathematical economics and economic theory, the student should have completed at least 10 quarter hours in calculus or linear algebra.

### *Doctor of Philosophy Degree*

The Ph.D. prepares the student for teaching and research positions in the academic world, for positions as economist in private industry, for positions with private research or consulting organizations, or for government positions requiring advanced economic training.

The degree is awarded for high accomplishment as evidenced by these steps:

1. Demonstrating proficiency in statistics as a research tool through successful completion (minimum grade of B) of Math 410a,b, and 411 or 412, or Math 480a,b, and 481 or Math 483a,b, and 486, 487 or 488. Econ. 567a, Econometrics I may be substituted for Math 411, 412, 481, 486, 487 or 488.

2. Demonstrating proficiency in a second research tool chosen, with the prior consent of the director of graduate studies, from one of the following:

- a. A foreign language. Proficiency is demonstrated by successful completion of the Educational Testing Service Examination or by passing Foreign Languages 288a,b,c with a grade of A or B in each course.

- b. Mathematics. Completion of the second year calculus sequence, plus one additional course at the 400 level or one 300 level course selected from Mathematics 301, 305a, 321, 352, 319. Each course must be passed with a grade of B or better.

- c. Any three courses at the 400 or 500 level in an area other than mathematics that is closely related to economics and each passed with a grade of B or better.

- d. Computer programming. The student should consult the director of graduate studies for the method of demonstrating proficiency.



3. Completing required courses in history of economic thought, mathematical economics, and micro and macro economic theory.

4. Passing a written qualifying examination in economic theory and mathematical economics.

5. Passing written and oral preliminary examinations in three specialized areas chosen, with the prior consent of the director of graduate studies, from comparative economic systems, economic development, economic history, economic theory (two fields are available), econometrics, human resources, international economics, money and banking, political economy, public finance, or any graduate area outside economics but having a reasonable connection with economics.

The student is admitted to candidacy for the degree after he passes the preliminary examination.

6. Completion of a dissertation based on original research and successful defense of the dissertation before a faculty committee.

More detailed descriptions of the graduate programs, as well as information on teaching and research assistantships and fellowships may be obtained from the director of graduate studies, Department of Economics.

## Education

One may pursue a program of study leading to the Doctor of Philosophy degree in Education through any one of 12 approved concentrations: counseling and guidance, cultural foundations, educational administration, educational psychology, elementary education, health education, higher education, instructional materials, measurement and statistics, physical education, secondary education, and special education. Students must satisfy the requirements of the Graduate School in addition to the College of Education requirements for the Doctor of Philosophy degree in Education. General policies pertaining to the Doctor of Philosophy degree in Education are enumerated in this section; policies specific to each concentration are stated under each departmental heading.

### *Application*

Applicants must submit the standard application materials to the Graduate School. Any data required in addition to the standard Graduate School application materials are described under the appropriate departmental headings below.

### *Admission and Retention*

The application materials of those who meet Graduate School requirements for admission to the Ph.D. program are forwarded to the College of Education. The department concerned reviews all documents relative to the student and makes recommendation to the admission and retention committee of the College of Education; this committee makes the final admission decision. Retention standards beyond minimum Graduate School standards are established by each department or concentration.

### *Advisement*

For each student a doctoral committee consisting of a minimum of five members is constituted and approved according to the *Ph.D. Policies and Procedures Manual of the College of Education*. His program, planned to include all of his graduate study beyond the master's degree, should be

approved at a meeting of the student with his committee. The program is then forwarded to the assistant dean for graduate studies in the College of Education for final approval and filing.

### *Program Requirements*

Each doctoral student in education must successfully complete a prescribed core of 12 credits in psychological foundations of education and in social and philosophical foundations of education combined. These courses include Ed. Af. 591, Ed. Af. 592, Guid. 590, and Guid. 545m. For each concentration there are also basic courses, listed below under the departmental headings, which are required beyond this core. The study and his doctoral committee agree upon his final program, which lists other courses and experiences.

### *Research Requirements*

Each concentration in the Ph.D. in Education has its own research requirement.

### *Preliminary Examination*

All students in the Ph.D. program in Education must take the preliminary examination over areas determined by the department or concentration. The examination is offered four times a year: during Wednesday, Thursday, and Friday of the fifth week of each quarter.

A student may take the preliminary examination when he has: successfully completed his research requirement, successfully completed all or most of his course work, successfully completed the professional seminar sequence, and petitioned his doctoral committee to take the preliminary examination and received an affirmative response. A student who fails the examination on the initial attempt may take the exam two additional times. If at that time the student has not passed the examination, he is dropped from the program.

### *Dissertation*

The dissertation committee, which in the College of Education is the doctoral committee, consists of a chairman who is authorized to direct doctoral dissertations and at least four others who are authorized to serve on dissertation committees. The committee is appointed by the Dean of the Graduate School upon the recommendation of the assistant dean for graduate studies of the College of Education. At least one member of the committee must be from a department other than that of the student and at least one member from a unit outside the College of Education.

Satisfactory completion of the dissertation requirement includes the passing of an oral examination covering the dissertation and related areas.

### *Department of Educational Administration and Foundations*

The Department of Educational Administration and Foundations participates in the doctoral program in education with approved concentrations in both educational administration and cultural foundations.

### *Educational Administration*

#### APPLICATION

Inquiries regarding application should be directed to the chairman of the Department of Educational Administration and Foundations.



#### ADMISSION AND RETENTION

The following are criteria for admission to and retention in the program: 1) A graduate background, at the level of a master's degree major or its equivalent, in educational administration; 2) objective measures rated on a point scale developed by the department: undergraduate grade point average, graduate grade point average, and the Miller Analogies Test Profile Rank. A test of the writing ability of the applicant may also be required; 3) subjective measures: recommendations from three or more persons knowledgeable of the candidate's ability to do advanced graduate work; and data gained through personal interview, if possible.

A minimum grade point average of 4.25 on a 5.0 scale is required for retention in the program. A student whose grade point average falls below 4.25 may take an additional twelve quarter hours of work on his program if such work will correct the deficiency. If after the twelve hours his GPA remains below 4.25, he shall be dropped from the program.

#### PROGRAM REQUIREMENTS

The doctoral program in educational administration normally includes a minimum of 96 quarter hours of work as follows. The student is required to complete: (a) a core of 12 quarter hours common to all doctoral students in Education; (b) a major concentration of 24–32 quarter hours including a required 12-hour, 3-course seminar in educational administration; (c) a cognate or interdisciplinary block of 16 quarter hours; (d) a dissertation of from 36 to 48 quarter hours and; (e) electives as needed which may be drawn from social and behavioral science fields as anthropology, economics, government, sociology, psychology. This work seeks to provide the student with an orientation to fields that are integrally related to educational administration.

#### RESEARCH REQUIREMENTS

The multiplicity of academic programs demands varying competencies in research. Therefore, no common research competency is required of all students although a minimum of one research competency is required of each student. Specific research competencies and procedures for evaluation are determined by the doctoral committee of each student congruent with his professional preparation and goal expectations. Research requirements might include a statistics sequence, computer programming, foreign languages, or other related and research oriented subjects and procedures.

#### PRELIMINARY EXAMINATION

The student prepares himself for the examination through course work and independent study as advised by his doctoral committee. The examination covers specialized areas of research, curriculum, supervision, and administration. The student's doctoral committee chairman initially solicits and compiles test questions in these areas, then meets with the department chairman to determine the completeness of the examination. If certain areas are judged to be inadequately covered, additional questions in those areas are solicited from appropriate staff members. Individuals submitting questions are responsible for evaluating the student's responses to such questions, although the entire examination is available to the total examining committee. After the evaluations, the entire examining committee meets to determine whether the student has passed part or all of the examination. If certain specialty responses are judged in-



adequate, the examining committee may require the student to re-write in the deficient area or to submit to an oral examination in the specialty.

### *Cultural Foundations*

#### APPLICATION

Inquiries regarding application should be directed to the chairman of the Department of Educational Administration and Foundations.

#### ADMISSION AND RETENTION

The admissions criteria include grade point averages, Miller Analogies Test scores, letters of recommendation, and work experience. Students shall ordinarily have completed at least two years of successful teaching experience in the public schools, or its equivalent as determined by the foundations committee. If this requirement has not been fulfilled, the committee may make arrangements for a special internship program.

A GPA of at least 4.25 on the first 30 quarter hours of course work is required for retention. This minimum average must be maintained for the remainder of the program.

#### PROGRAM REQUIREMENTS

The student is required to complete a program of at least 100 quarter hours beyond the baccalaureate degree, not including 36 hours used in dissertation research. The program must meet the following minimal pattern: 1) twenty hours of professional education courses; 2) thirty-six hours in a major area of concentration: philosophy of education, history of education, comparative and international education, and educational sociology; 3) twelve hours each in two minor areas selected from: philosophy of education, history of education, comparative and international education, and educational sociology; and 4) twenty hours of elective courses as determined by the sponsoring committee with the cooperation of the student.

#### RESEARCH REQUIREMENTS

Each student must demonstrate research competence in one or two areas determined by the student and his committee. This might consist of the course sequence in statistics (Guidance 505, 506, and 507), foreign languages, historiography, etc.

#### PRELIMINARY EXAMINATION

After the student has completed the pro-seminar sequence, the research competencies, and made up any deficiencies indicated by his doctoral committee, the preliminary examination may be taken during the final term of course work or upon successful completion of 60 quarter hours. Materials to assist the student studying for the preliminary examinations may be secured from the faculty member asking the questions for the examination. These materials might include a bibliography or some suggestion of those areas the faculty member would hold to be essential to an understanding of that area of the Cultural Foundations of Education.

The examination consists of six hours of written examination administered over two days, and two hours of oral examination. The written examination consists of two three-hour parts. Part one is from the student's principal area of concentration within Cultural Foundations of Education and part two consists equally of questions from the student's two minor

areas. The foundations committee determines who shall write the questions. Faculty members designing questions shall evaluate the responses and state the reasons for their acceptability or unacceptability. The oral examination committee consists of the faculty members writing questions and may also include members of the student's doctoral committee.

The oral examination is administered by the examination committee within two weeks after the written examination; the exact time is determined by the doctoral chairman with the consent of the oral examination committee. The oral examination has the following purposes: 1) To provide the members of the committee the opportunity to seek further evidence of the student's competence in three areas of foundations and in any other area deemed important by the members of the examination committee; 2) To clarify issues or responses raised by the written examination.

A student receiving an evaluation of unacceptable on any one part of the written examination may confer with his committee chairman and the evaluator of the question to determine further action, which might include a re-examination of the area judged unacceptable or the design of a special program to correct the student's deficiencies. Failure of the committee chairman and the evaluators to agree will be resolved by the foundations committee.

Failure to pass two or more parts of the written examination or the oral examination constitutes an overall rating of unacceptable. The foundations committee then decides what action shall be taken in regard to the student.

### *Department of Elementary Education*

The Department of Elementary Education offers a concentration that develops competencies for college and university teaching and research in various specializations. The program is balanced and flexible, and utilizes work in appropriate disciplines outside the College of Education, and each student's committee plans his program to meet his particular needs and interests.

#### APPLICATION

Inquiries regarding application should be directed to the chairman of the Department of Elementary Education.

#### ADMISSION AND RETENTION

A minimum of two years' teaching experience in elementary school, or equivalent experience as determined by the departmental screening committee, is required. Four recommendations are required from persons who are qualified to judge the applicant's academic and professional competence. The department chairman or his representative secures these recommendations from names supplied by the applicant. At least one recommendation must concern teaching ability. The applicant must take the Miller Analogies Test; a score at the fiftieth percentile or above is usually required for admission. Additional examinations may be required. As a part of the total evaluation of the student some evidence of scholarly writing should be submitted to the department screening committee. The applicant will have a personal interview with the department screening committee unless the screening committee judges that the applicant's situation precludes such an interview. The committee may admit the student even if he shows some deficiency from department standards, if in their



opinion the student shows professional promise. The screening committee recommends admission of the student only if the department is willing to sponsor the candidate and has identified as prospective chairman of the student's doctoral committee a faculty member who holds status I.

Prior to the completion of 30 hours of course work, the student meets with his doctoral committee to determine whether or not he will continue as a doctoral student. Such matters as grade point average, progress in the program, and steadfastness of desire to attain original goals are considered. A report of this meeting is sent to the department chairman, to the assistant dean for graduate studies, and to the student. If the committee chooses not to retain the student the reasons are specified in the report. Any student who for a period of eight consecutive quarters has not taken course work leading to the completion of his program will be dropped from the program.

#### PROGRAM REQUIREMENTS

A minimum of 96 hours beyond the master's degree and 144 hours beyond the bachelor's degree are required. In addition to the 12 hour pro-seminar core requirement, each doctoral student will be required to complete successfully EL.Ed. 570 before taking the preliminary examination. He must complete a minimum of 20 quarter hours of work in the field of specialization within the Department of Elementary Education, and at least 12 quarter hours of course work in cognate areas, which may be outside the College of Education. A minimum of 36 hours of dissertation credit must be taken. The balance of the student's program will be in electives that have been selected to support the goals of his program.

#### RESEARCH REQUIREMENTS

A minimum of one research requirement is selected by the doctoral committee from the following list: 1) a reading knowledge of one or more modern foreign languages; 2) a demonstration of competency in educational statistics or successful completion of Guidance 505, 506, and 507; 3) a demonstration of competency in computer programming; 4) another research competency at the discretion of the doctoral committee. Statistics is strongly recommended.

#### PRELIMINARY EXAMINATION

The preparation and direction of the preliminary examination is the responsibility of the department and the student's doctoral committee. Eight hours of testing are required, four hours of which must be in general elementary education as prepared by the department, and four hours of which may be in the student's area of concentration as prepared by his doctoral committee. Additional oral and written examinations may be required by the student's doctoral committee.

#### *Department of Guidance and Educational Psychology*

The Department of Guidance and Educational Psychology offers approved concentrations in counseling and guidance, educational psychology, and measurement and statistics.

#### APPLICATION

Inquiries regarding admission to any of the three concentrations should



be directed to the chairman of the Department of Guidance and Educational Psychology.

#### ADMISSION AND RETENTION

The applicant must complete the department form and select one of the three specialties within the department. A selection and review committee of that specialty will screen the applicant on the basis of prior graduate work, grade point average, standardized test scores (usually the Miller Analogies Test or the Graduate Record Examination), and letters of recommendation. A student accepted by one specialty who wishes to change to another must re-submit his papers to the new specialty for consideration.

A student will not be permitted to take the preliminary examination unless he maintains a 4.25 grade point average in courses taken as a part of the doctoral program. Any student who has a grade point average below a 4.25 after 30 quarter hours of doctoral level work, and before passing the preliminary examination, will not be allowed to continue in the program, nor will he be considered for readmission at some later date. All students will be required to participate in teaching and/or research experiences as a part of their program without credit.

#### PROGRAM REQUIREMENTS

Each doctoral student in the department must demonstrate his competency in each of three core areas: (a) measurement and statistics; (b) educational psychology; and (c) personality theory and human dynamics. The competencies are defined as successful completion of the following courses: Measurement and Statistics 506, 531; Educational Psychology 515; Personality Theory and Human Dynamics 481.

Students may request proficiency credit for the competencies from the department chairman. The awarding of such credit will be determined by: (a) examination; (b) consideration of previous courses taken; (c) interview; (d) some other appropriate method; or (e) any combination of the above. The final decision is at the discretion of the department chairman.

#### RESEARCH REQUIREMENTS

A research degree in the Department of Guidance and Educational Psychology requires competencies of all students in measurement and statistics, educational psychology, personality and human dynamics. The research competencies are attested by course work in the three core areas, as described above, under program requirements, with such additions as deemed appropriate by the student's doctoral committee.

#### PRELIMINARY EXAMINATION

In addition to the core and pro-seminar requirement, each student must demonstrate competency in his chosen concentration. Expectations and specific requirements of the preliminary exam are developed by the student and his doctoral committee.

#### *Guidance and Counseling*

##### PROGRAM REQUIREMENTS

Student programs of studies in guidance and counseling are individually designed. Consequently, the requirements include only:

1. Completion of the core requirements (Guidance 481, 506, 515, and 531).
2. The required dissertation credits, of which 36 hours will be the maximum. However, to encourage a broad academic base in the specialty, students typically complete the following courses:
  - a. those courses required in the guidance and counseling master's program or their equivalent if they have not already been completed;
  - b. 8 to 12 hours of electives outside of the department but related to the specialty;
  - c. hours in Guidance 568, Topical Seminar in Guidance and Counseling;
  - d. hours in Guidance 581, Internship (advanced practicum) in guidance and counseling.

#### PRELIMINARY EXAMINATION

The guidance and counseling concentration faculty will prepare and evaluate a comprehensive exam not to exceed eight hours in length. If the student's doctoral committee feels that additional evaluation is necessary at the time of the comprehensive examination, the nature of the additional evaluation will be determined by the student's doctoral committee.

#### *Educational Psychology*

##### PROGRAM REQUIREMENTS

Students in the specialty of educational psychology will be expected to demonstrate competencies in the following areas:

<i>Competency</i>	<i>Suggested Activity</i>
Statistics/Measurement	Guidance 507/531
Research Methodology	Guidance 567—Research Design
Learning and Instruction	Selected Courses
Development and Human Dynamics	Selected Courses
Concentration Area	Self-Study/Selected Courses Practicum Experiences/Dissertation (36 hrs)

The doctoral committee, in consultation with the student, will determine the means for demonstrating competence and the criteria for successful mastery.

#### PRELIMINARY EXAMINATION

The preliminary examination will be prepared by the doctoral committee of the student. The exam will be composed of questions regarding findings, theory, research methodology and application in the following areas: learning and instruction, development and human dynamics; comprehensive examination in the student's concentration. The nature of the examination (e.g., timed paper and pencil test, qualifying paper, project, oral examination, experimental or theoretical paper) is to be determined by the student and his committee with the stipulation that some product must be generated, evaluated, and placed in the student's permanent records.

Upon successful completion of the preceding, the student's doctoral committee will make a recommendation regarding admission to candidacy. The recommendation must be filed with the assistant dean for graduate studies within two weeks following the written examination.



Measurement and Statistics  
PROGRAM REQUIREMENTS

All programs in measurement and statistics must include: (1) a minimum of 16 hours in Guidance and Educational Psychology 580 Topical Seminar in Statistics and Measurement; (2) a minimum of four hours of electives outside of the department but related to the specialty; (3) a maximum of 36 hours of dissertation credit.

PRELIMINARY EXAMINATION

Expectations and specific requirements of the preliminary examination are developed by the student and his doctoral committee. The preliminary examination will be prepared by the doctoral committee of the student. The examination will be composed as follows: advanced statistics—four hours; advanced measurement—four hours; special exam in student's area of interest—four hours. The student's doctoral committee will grade the exam. An oral examination over the preliminary exam will be conducted within two weeks of the written examination.

Department of Health Education

The Department of Health Education participates in the doctoral program in education with a concentration in health education.

APPLICATION

Inquiries regarding application should be directed to the chairman of the Department of Health Education.

ADMISSION AND RETENTION

An applicant must be sponsored by a member of the graduate faculty from health education. His application is evaluated by a committee of at least three graduate faculty members appointed by the department chairman. The committee examines all available evidence relevant to the student's objectives, background, and academic history, including: 1) distribution of undergraduate and graduate course work indicating broad cultural foundations; 2) experience appropriate to the student's professional goals; 3) evidence of ability to do superior graduate work. The evidence may be based on: (a) Miller Analogies Test scores or Graduate Record Examination results, (b) a master's thesis or other evidence of an ability to present data in a scholarly manner, or (c) ability to pass a written or oral examination.

PROGRAM REQUIREMENTS

The student's program must include the following distribution of graduate course work beyond the baccalaureate degree and master's degree:

- |  |             |
|--|-------------|
| 1. Pro-seminar sequence                                    | 12 hours    |
| 2. Health Education, Professional Education, and Electives | 48-96 hours |
| A. Health Education  | 24-48 hours |
| B. Professional Education                                  | 8-24 hours  |

OPTION 1—Educational Administration  
and Foundations

OR

OPTION 2—Curriculum Theory and Practice



C. Other disciplines within the total 16-24 hours

University Graduate School

3. A demonstration of competency in educational statistics or completion of the 12 hour statistics course sequence, Guidance 505, 506, and 507 with a *B* average or above to fulfill the department's research requirement.
4. Dissertation 36 hours

#### PRELIMINARY EXAMINATION

Each student must take a four-hour written preliminary examination, which is prepared by his doctoral committee. The examination includes those areas established as appropriate to the student's specialty.

#### *Department of Higher Education*

The Department of Higher Education participates in the doctoral program in education with a concentration in higher education.

Pre-service and in-service preparation is offered for persons who expect to teach in two-year and four-year colleges or serve in administrative positions in colleges and universities in: academic affairs (e.g., provost, dean); business affairs (e.g., bursar, controller); student personnel services (e.g., vice president for student affairs, dean of students, registrar); community and junior college affairs (e.g., president, vice president, dean of instruction); or other administrative and teaching areas in higher education, (e.g., executive and staff officers of coordinating agencies, vice president for development, director of institutional research).

#### APPLICATION

Inquiries regarding application should be directed to the chairman of the Department of Higher Education.

#### *Admission and Retention*

Applicants must submit the departmental application form, an autobiographical statement, five letters of reference, and, when required, scores on the Miller Analogies Test or the Graduate Record Examination.

#### PROGRAM REQUIREMENTS

In addition to the College of Education requirements, 24 quarter hours' credit in six common courses in higher education are required:

- Hi.Ed. 510 (4), Higher Education in the United States
- Hi.Ed. 513 (4), Organization and Administration of Higher Education
- Hi.Ed. 516 (4), College Student and College Culture
- Hi.Ed. 518 (4), College Teacher and College Teaching
- Hi.Ed. 555 (4), Philosophy of Education
- Hi.Ed. 578 (4), Economic Aspects of Higher Education.

A student's doctoral committee may require additional credit in other departments, or in an internship if the applicant has not had previous professional experience in higher education.

#### RESEARCH REQUIREMENTS

The student must demonstrate competency in one or more research areas selected in collaboration with and approval of his doctoral committee.

#### PRELIMINARY EXAMINATION

The preliminary examination in Higher Education is a comprehensive

written examination. The study may petition his doctoral committee to take the examination when he has successfully completed his research competency requirement, the professional seminars, and all or most of the course work listed on his approved program.

*Department of Instructional Materials*

The doctoral concentration in instructional materials is designed for those individuals who wish to become directors of instructional materials in a large school system, a college, a university, or industry where the scope of the program will require, under the director, separate specialists in the audiovisual and library fields.

APPLICATION

Inquiries regarding application should be directed to the chairman of the Department of Instructional Materials.

ADMISSION AND RETENTION

The departmental selection and review committee screens applicants on the basis of prior graduate work, graduate grade point average, and scores on standard tests.

Prior graduate work must provide an adequate background for doctoral study in the field of instructional materials.

A student who has maintained a 4.50 grade point average or higher will be accepted unconditionally, if other criteria are met. Students with grade point averages of 4.25 to 4.50 will be accepted conditionally assuming other evidence of potential to succeed in doctoral study, with the condition being that at least a 4.50 average must be maintained in the first 24 successive hours of work after conditional admission. Students with grade point averages less than 4.25 will not be considered for the doctoral program.

Applicants must present scores from the Graduate Record Examination (aptitude) and Miller Analogies Test as a part of the admission procedure. Acceptance is usually dependent upon the student's achieving at least the fiftieth percentile on national norms for graduate students in education on at least one of these examinations.

Other data from the application for admission to graduate study, other test performance, reference letters, and prior experience will be gathered as a part of the admission procedure and will be used as means of determining acceptance.

PROGRAM REQUIREMENTS

- |  |             |
|--|-------------|
| 1. Curriculum Theory and Instructional Practice  | 4-12 hours  |
| 2. Field of Specialization. Each student must identify with an area of specialization and must complete from 24 to 48 hours in support of his specialty. | 24-48 hours |
| 3. Cognate Study. To suport the field of concentration, 16 to 24 hours of work may be required in a cognate field or fields.                             | 16-24 hours |
| 4. Dissertation  | 36-48 hours |
| 5. Electives. To complete minimum requirements and to support the goals of the program.  |             |

RESEARCH REQUIREMENTS

Research requirements are chosen by the student's doctoral committee,



from the approved research requirements: foreign languages, statistics, and computer programming.

#### PRELIMINARY EXAMINATION

The preliminary examination can be taken only after the student has completed the professional seminars, all or most of his course work, and has satisfied the research requirements. The purpose of the preliminary examination is to examine the professional preparation of the student on all of his previous graduate work. The department is responsible for preparation and evaluation of the preliminary examination, consistent with the College of Education policies and procedures.

#### *Physical Education*

The Departments of Physical Education for Men and Physical Education for Women participate in the Doctor of Philosophy in education with an approved concentration in physical education.

#### APPLICATION

Inquiries regarding application should be directed to either the chairman of the Department of Physical Education for Men or the chairman of the Department of Physical Education for Women.

#### ADMISSION AND RETENTION

The applicant must possess a background of knowledge of, and experience with, physical education which will provide a basis for advanced work in this field. The student's experience and interests as well as formal education are considered before deciding his deficiencies and the manner of satisfying them. Credit for work done to satisfy deficiencies will not count toward the Ph.D.

A grade point average of 4.50 is required in courses taken as part of the doctoral program. If at any time the grade point average is less than 4.50, the student will confer with the chairman of his doctoral committee concerning the probability of future success in the program.

A minimum of one year of teaching experience will be required. The adequacy of the experience will be judged by the student's doctoral committee.

#### PROGRAM REQUIREMENTS

A minimum of 144 credits is required, as follows: (1) 56 quarter hours in physical education courses beyond the bachelor's degree composed of: (a) 32 credits in physical education for the master's degree major. The common requirements listed below make up 24 of the 32 credits. The remaining 8 credits are physical education courses beyond the bachelor's degree. They must be approved by the student's doctoral committee; (b) 24 credits in approved physical education beyond the master's degree; (2) 52 quarter hours in any subject area including course work required of all students by the College of Education; (3) 36 quarter hours of dissertation.

#### RESEARCH REQUIREMENTS

At least one research competency, determined by the student's doctoral committee and approved by the assistant dean for graduate studies, is required. Research competencies embody skills needed to understand research in the student's field, to carry out his dissertation, and to contribute to his specialization.



#### PRELIMINARY EXAMINATION

The student must meet the following conditions satisfactorily before applying to the student's doctoral committee to take the preliminary examination: (1) Completion of a minimum of 96 hours of course work beyond the bachelor's degree; (2) completion of the courses required of all students by the College of Education; (3) completion of courses required of all Ph.D. students by the Departments of Physical Education for Men and for Women; and (4) completion of the research competency.

These examinations will pertain to: the objectives of course work required of all students in the College of Education and to the special concentration of physical education.

#### *Department of Secondary Education*

The Department of Secondary Education participates in the doctoral program in education with a concentration in Secondary Education.

#### APPLICATION

Inquiries should be directed to the coordinator of doctoral studies in the Department of Secondary Education.

#### ADMISSION AND RETENTION

Admission is determined by a screening committee composed of a minimum of three members of the graduate faculty of the department. The candidate is usually requested to have a personal interview with the committee. The criteria considered in this decision are: (1) the nature and quality of previous graduate work; (2) the undergraduate grade point average; (3) performance on the Miller Analogies Test (recommended minimum of fiftieth percentile) and other tests of academic potential recommended by the screening committee; (4) the employability of the applicant at a level commensurate with the degree upon the completion of the doctoral program; (5) the quality of samples of the applicant's written work; (6) evidence of a minimum of two years of successful teaching experience in secondary schools; (7) letters of recommendation relative to professional and academic competence; and, (8) a willingness on the part of a member of the department to sponsor the applicant in the process of completing the Ph.D. degree.

The chairman of the student's doctoral committee will meet with the student upon the completion of one-third of his doctoral course work to evaluate the student's progress toward the Ph.D. degree. If, in the opinion of the chairman, satisfactory progress is not being made toward completion of the degree, the chairman will convene the total doctoral committee to determine whether the student should continue in the doctoral program. The chairman must notify the student, the coordinator of doctoral studies of the Department, and the assistant dean for graduate studies of the college of the action of the student's doctoral committee.

#### PROGRAM REQUIREMENTS

Areas of specialization with the concentration in secondary education include: (1) college or university teaching and research in the general area of secondary education; (2) college or university teaching and research in the subjects typically taught in secondary schools (example: English education, art education, social studies education, mathematics education, technical education); (3) curriculum direction at the local school, school

district, intermediate educational unit, state, or national levels; (4) supervision of secondary education programs and subjects at the levels listed above; and (5) teaching in the secondary schools.

The typical program of studies consists of 96 quarter hours above the master's degree, arranged as follows: (1) professional seminars (12 hours); (2) the departmental core in curriculum theory and instructional practices which is required of all secondary education students (S.Ed. 508 [4], Current Developments in Selected Subjects in Secondary Schools, S.Ed. 562 [4], Secondary School Curriculum, S.Ed. 566 [4], Seminar in Instruction, S.Ed. 571 [4], Seminar in Curriculum, S.Ed. [3], Seminar: Research and Evaluation in the Secondary School Curriculum, [28 hours]); Departmental Electives (8), Courses to be selected from graduate level courses currently offered in the Department of Secondary Education; (3) field of specialization and cognate study: at least 20 hours, elected with the approval of the doctoral committee. The student interested in a subject field such as English education should concentrate in the subject area. The student pursuing a program in curriculum, supervision, or secondary education in general might elect courses to meet certification requirements and courses that provide field experiences; and (4) dissertation (36 hours).

#### RESEARCH REQUIREMENTS

A minimum of one research competency selected from those listed below is required. Although it is the prerogative of the student's doctoral committee to determine the appropriate research requirement, statistics is strongly recommended. (1) demonstrated competency in one or more modern foreign language; (2) demonstrated competency in educational statistics; and (3) demonstrated competency in computer programming.

The student's doctoral committee, the coordinator of doctoral studies, and the assistant dean for graduate studies of the college must approve an unusual research competency necessary for specialized research (example: historiography).

#### PRELIMINARY EXAMINATION

Prior to taking the preliminary examination a student must have met the research requirement, fulfilled the pro-seminar requirements of the College, completed two years of full-time study (or the equivalent thereof) beyond the baccalaureate degree, and be certified as prepared for the examination by his doctoral committee.

Upon completion of these prerequisites and with the approval of his doctoral committee, the student applies to the Coordinator of Doctoral Studies for permission to take the examination. The preliminary examination is in three parts: (1) a written examination of approximately four hours focusing on the departmental core work prepared and evaluated by the Department of Secondary Education; (2) a written examination of approximately four hours in length directed toward the student's specialization, prepared and evaluated by his doctoral committee; and (3) an oral examination approximately one hour in length administered and evaluated by the student's doctoral committee.

#### *Department of Special Education*

The Department of Special Education participates in the doctoral program in education with a concentration in special education.



## APPLICATION

Inquiries regarding application should be directed to the chairman of the Department of Special Education.

## ADMISSION AND RETENTION

The criteria for admittance are:

1. Fulfill all requirements of the Graduate School,
2. Minimum grade point average of 4.25,
3. Acceptance by the College of Education admission and retention committee,
4. Personal interview by the faculty of the Department of Special Education,
5. Minimum of two years' teaching or comparable acceptable experience,
6. Biographical data,
7. Three letters of recommendation,
8. Miller Analogies Test,
9. At the discretion of the department faculty, evidence of writing ability may be required.

A student will not be allowed to take the preliminary examination unless he maintains a 4.25 grade point average in courses taken as a part of the doctoral program. Any student who has a grade point average below a 4.25 after 30 quarter hours of doctoral level work, and before passing the preliminary examination, will not be allowed to continue in the program, nor will he be considered for readmission at some later date. It will be the responsibility of the doctoral committee chairman to make this determination.

## PROGRAM REQUIREMENTS

All students will take the pro-seminar requirements plus the following 12 hours: Spec.Ed. 590 (4), Seminar: Ed. of Children with Mental Deviations; Spec.Ed. 591 (4), Seminar: Ed. of Physically Handicapped Children; and Spec.Ed. 592 (4), Seminar: Ed. of Children with Learning and Behavior Disorders.

Students must also complete a minimum of 40 quarter hours, approved by their committee, from specific courses in the Departments of Educational Administration and Foundations; Guidance and Educational Psychology; Elementary Education; Instructional Materials; Psychology; Rehabilitation; Sociology; and Special Education.

## RESEARCH REQUIREMENTS

No single research competency is required for every student. The doctoral committee aids the student in selecting a research requirement(s) which facilitates the specific research skills he needs.

## PRELIMINARY EXAMINATION

The procedure described in the *College of Education Policies and Procedures Manual* regarding doctoral programs will be followed. The content of the special education preliminary examination will include: (1) historical facts in the development of educational program for the handicapped; (2) theoretical issues related to education of the handicapped; (3) the design and conduct of experiments related to the education of the



handicapped; and (4) the planning of educational programs for the handicapped.

### **Educational Administration and Foundations**

This department carries extensive graduate offerings in educational administration, instructional supervision, and educational foundations in support of the Master of Science in Education degree, the Specialist's degree, and the Doctor of Philosophy in Education degree. Programs at all levels are NCATE approved.

The department administers its programs leading to the master's degree and Specialist's degree, and provides programs and personnel for doctoral students who wish to specialize in educational administration, general instructional supervision, and educational foundations. Interested applicants should direct inquiries to the chairman of the department.

#### *Master of Science in Education*

At the master's level, majors are offered in educational administration and in instructional supervision. Within the administration major, specializations may be selected for such positions as elementary principal, secondary principal, curriculum coordinator, school business manager, vocational-technical director, etc. A minimum of 48 quarter hours of work is required.

Admission to master's degree work in the department is approved by the department admission committee. Admission considerations include undergraduate grade point average, work experience, letters of reference from persons knowledgeable of the candidate's ability to do graduate level work, and data gained through personal interview with the candidate.

The program for the Master of Science in Education degree, with a major in educational administration includes a basic core, an educational foundations sequence, research and tool subjects, and selected specialized courses. A research report and comprehensive oral examination are also required. The department stresses the advantage of an academic field teaching major for all educational administration students. An applicant with aspirations for public school practice is expected to have two years of successful teaching experience prior to or concurrent with the program.

The regulations for the master's degree with a major in instructional supervision parallel those for the major in educational administration. Students in this area normally select specialized courses in supervision and curriculum appropriate to their goals as supervisors, (i.e., elementary, secondary or both). The department encourages a cross-departmental approach in the selection of appropriate courses for individual programs.

#### *Specialist's Degree*

The Specialist's degree program is structured around a 45 quarter-hour sequence of experiences as follows: 8 quarter hours in an interdisciplinary seminar in educational administration; at least 16 quarter hours in the area of administrative specialization; 8 quarter hours either in an internship or practicum; 5 quarter hours in a field study; and electives as needed.

The program is designed by the candidate and his adviser, subject to the approval of the student's advisory committee. A comprehensive written examination is the final step in the program.

Admissions criteria include a minimum graduate grade point average of 4.25 on a master's degree or its equivalent, appropriate work experience, letters of reference from persons knowledgeable of the candidate's ability to do advanced graduate level work, and data gained through personal interview with the candidate.

This program is based on the supposition that the applicant has a master's degree or its equivalent in educational administration. Students entering the program without this previous administrative training will be required to complete prerequisite work as determined by the student's committee.

### *The Master's Degree*

A graduate major in elementary education or in early childhood education for the Master of Science in Education degree consists of a minimum of 48 quarter hours of which at least 24 must be on the 500 level. Guid. 422 and EDAF 500, or their equivalent, are required for both majors.

The early childhood education program also requires the following courses or their equivalent: El. Ed. 433 or 560, El. Ed. 505 or 537, EDAF 554 or 555, Guid. 412 and Guid. 562a.

The elementary education program consists of a general program and the following specialty programs: language arts, mathematics, reading, science, social studies, and supervision. The general program requires the following courses or their equivalents: El. Ed. 441 or 442, 415 or 515, 542, 543, 557 and 561. A student selecting a specialty program is required, in addition to Guid. 422 and EDAF 500, to have his program approved by an adviser from the specialty area.

If a thesis is not written, students are required to write a research paper under the guidance of a department faculty member and take the departmental master's examination. A total of 8–12 quarter hours should be selected from departments outside the College of Education. Students seeking certification in elementary school administration may major in the Department of Educational Administration and Foundations or the Department of Elementary Education. The assistant dean for graduate studies in the College of Education will be the recommending officer for administrative or supervisory certification.

Uncertified students who desire certification for K-9 are required to complete, without graduate credit, after admission to the teacher education program, a minimum of the following education courses: education psychology (Guid. 305), elementary school methods (314 or 316), elementary school reading (337), and at least two courses from the following: Mathematics (310), Language Arts (423), Science (441) and Social Studies (424). In addition, uncertified students must complete at least 8 quarter hours of student teaching. The teaching must be done in residence at a university or college approved by the National Council for Accreditation of Teacher Education.

Unconditional admission to the master's program requires that the applicant hold a teaching certificate appropriate for one or more grade levels (K-9), and have an overall undergraduate grade point average of 3.7 or higher on a 5-point scale. A student with a grade point average between 3.4 and 3.7 may be granted conditional admission and will remain on conditional status until he earns 24 quarter hours of credit in graduate level courses. Students who are denied admission to a degree program may enroll through the Graduate School as an unclassified grad-



uate student; then, upon meeting admission requirements may transfer to a degree program.

### *Specialist Degree*

The Specialist's degree constitutes a minimum one-year program beyond the Master's degree, necessitating from 48–50 quarter hours depending on the area of specialization chosen. The purposes of this degree are two-fold: (1) to prepare specialists and supervisors for preschools, elementary, and middle schools, and (2) to retrain or upgrade the training of self-contained classroom teachers or those working within departmentalized situations.

Areas of specialization include supervision and curriculum, language arts, reading, science education, mathematics education, social studies education, and early childhood education.

Admission to the Specialist program requires a minimum grade point average of 4.25 on a five-point scale for all previous graduate work. A minimum grade point average of 4.25 for all work in the program is required for completion of the program. No credit earned through correspondence or used in obtaining another degree may be counted. No more than nine quarter hours earned at another college or university may be accepted toward meeting requirements for the Specialist's degree.

Each student entering this program will be directed by a three-member specialist committee. At least one member of this committee will be from the student's area of specialization. The student's program will be planned cooperatively with this committee and course work will be chosen from four areas: (1) foundations, (2) specialization, (3) supporting disciplines, and (4) internship or practicum. No program will exceed twenty hours of work at the 400 level and no more than twelve hours of 400 level courses can be taken within the College of Education. The selection of 400 level courses is permitted outside the College of Education when approved by the specialist committee.

Each student will be required to successfully complete a written and/or oral examination upon the completion of twenty-four hours of graduate study in this program. Prior to graduation, the specialist committee may require a written report of field study, internship, or practicum experiences. A final oral examination will be conducted by each student's committee.

### **Engineering**

Graduate programs leading to a Master of Science degree with a major in engineering are available in three engineering departments. Course offerings and research activities within the departments include:

Department of Electrical Sciences and Systems Engineering:

circuits, electronics, electromagnetics, energy conversion, bioengineering, systems analysis and design, controls, instrumentation, and operations research.

Department of Engineering Mechanics and Materials:

viscous and inviscous flow, compressible flow, turbulence, wave motion, numerical fluid dynamics and solid mechanics, continuum mechanics, experimental stress analysis, stability, photoelasticity, structural analysis and design.

Department of Thermal and Environmental Engineering:



air-pollution control, water-quality control, thermal pollution, mass and heat transfer, thermodynamics, chemical processes.

Students who are interested in graduate studies in engineering must be admitted to the Graduate School and accepted in the degree-program by one of the three engineering departments. An applicant must have a bachelor's degree with a major in engineering, mathematics, physical science, or life science with competence in mathematics.

Degree requirements are consistent with the general requirements of the Graduate School with a minimum of forty-eight hours in graduate credits, including thesis credit. Students whose undergraduate training is deficient may be required by the department to take coursework without graduate credit.

A program of study will be developed by a graduate adviser and the student. Each student is required to concentrate in one of the branches of engineering, but with the approval of his graduate committee, may also take courses in other branches of engineering or areas of science and business such as physics, geology, chemistry, mathematics, life science, or administrative sciences.

Teaching or research assistantships and fellowships are available for qualified applicants. Additional information about programs, courses, assistantships, and fellowships may be obtained from the School of Engineering and Technology or any one of the three engineering departments.

**Engineering Biophysics**

Graduate work in engineering biophysics may be taken as a major leading to the Master of Science degree. The graduate work builds upon an interdisciplinary undergraduate program at SIU having a core in the areas of chemistry, engineering, mathematics, physics, physiology, psychology, and speech pathology and audiology. The graduate program provides the student with the unique opportunity to work with the faculty and facilities in increasingly integrated areas throughout the University and to specialize in solving problems of biomedical physics that involve several academic and professional disciplines.

The engineering biophysics committee, appointed by the dean of the Graduate School, is the agency that evaluates the program and recommends policy for its development. The committee appoints an administrator who is responsible to it and to the students for the daily as well as long-run activities of the program. The committee has a chairman and it sees that the program is administered in accordance with the policies established by that committee and with the policies of the Graduate Council and the dean of the Graduate School.

*Admission to the Program*

1. A bachelor's degree from any area of the behavioral, life or physical sciences, engineering, or mathematics serves as a minimum requirement for admission. A very favorable route is by following the prescribed interdisciplinary curriculum of the four-year undergraduate program in engineering biophysics at Southern Illinois University at Carbondale, or its equivalent elsewhere. A copy of the undergraduate and graduate curricula may be obtained from the program administrator.
2. No demonstration of language competency is required for the

master's degree. The student is urged, however, to acquire a reading knowledge of French, German, or Russian in his undergraduate experience.

### *Internship*

The fifth year of the master's program emphasizes courses in physiology, psychology, and speech pathology and audiology. Those studies provide a basis for the internships in selected hospitals and in laboratories in industry and government. The internship is a requirement for completing the graduate program, and it allows nine quarter-hours of credit. The internship might well be accomplished in the summer quarter of the graduate year.

### **English**

Graduate courses in English may be taken for major or minor in the Master of Arts program and for the Doctor of Philosophy degree. In addition, graduate courses in English may be taken for the subject-matter major in the Master of Science in Education degree in secondary education. A student enrolled in a program leading to the Ph.D. in education, with a concentration in secondary education, may select the elective portion of his program from the graduate courses offered in the Department of English. In addition to Graduate School requirements for admission to the Doctor of Philosophy program, the Department of English requires a score of the 70th percentile or above in the advanced section of the Graduate Record Examination. Inquiries about admission to graduate study in English should be sent to the director of graduate studies in English, Department of English, Southern Illinois University at Carbondale, Carbondale, Illinois 62901.

For the Master of Arts degree in English, the student must satisfy the following requirements:

1. Complete at least 48 hours of satisfactory graduate work.
2. Take at least one course in each of the following fields: English literature to 1500, 1500–1660, 1660–1800, 1790–1900, 1885 to date, and American literature.
3. Take English 500 in the first term it is available to him.
4. Take a course in the English language or in linguistics.
5. Take English 585 (required only of teaching assistants).
6. Demonstrate competence in one foreign language, normally French or German. This requirement will be regarded as satisfied if the student has taken two years of college-level foreign language, or its equivalent, with not less than a *B* average for the two years of work. Otherwise, the requirement must be satisfied by examination, which must be arranged through the director of graduate studies.
7. Submit to the director a clean copy of that research paper which best represents his abilities and accomplishments.
8. Pass the master's comprehensive examination.

The Master of Science in Education degree with an emphasis in English is administered by the Department of Secondary Education. An English education specialist in the Department of English advises the students concerning their course work in English. Twenty-four of the 48 hours' credit must be in education courses; up to 8 hours of English 581 may apply toward this education elective requirement.



For the Doctor of Philosophy degree in English, the student must satisfy the following requirements:

1. If he has not already taken such courses on the graduate level, take at least one course in each of the following fields: English literature to 1500, 1500–1660, 1660–1800, 1790–1900, 1885 to date, and American literature.

2. If he has never had courses, graduate or undergraduate, in Chaucer, Shakespeare, and Milton, remedy this deficiency.

3. Present evidence of competence in English language and linguistics, normally by completing the appropriate courses with a grade not lower than *B*.

4. Satisfy two research-tool requirements. (See below.)

5. Pass preliminary examinations in English and American literature, the preparation for which is prescribed by his advisory committee.

6. Submit a satisfactory dissertation.

7. Pass a final oral examination.

### *Research-tool options*

A student may satisfy the research-tool requirements by fulfilling one of the three options listed below. The choice of option and languages selected must be approved by the student's advisory committee.

1. A reading knowledge, demonstrated by examination, of two languages in addition to English, selected from any languages in which there is substantial literature for research and which are germane to the student's field. Foreign students may specify their native language as one of the foreign languages, provided it is one which meets the above requirements.

2. A command of one foreign language and its literature demonstrated by examination or by at least three courses numbered 400 or above, with an average grade not lower than 4.0. Satisfaction of the requirement normally would require the equivalent of three years of study at the college level with grades of *B* or better. Foreign students may use their native language, provided it is one which is germane to the particular field of major concentration.

3. A student may elect to offer a single foreign language, and a special research technique or collateral field of knowledge. A special research technique should represent the acquisition of any special skill that will effectively contribute to the research proficiency of the student (provided that such a skill is not an assumed or traditional part of the major). The collateral field of knowledge is expected to broaden the student's scholarly background by permitting exploration of knowledge in a field related to the major.

To satisfy the research technique or collateral-field requirement, the student may complete a total of three courses numbered 400 or above, with an average grade not lower than 4.0.

### **Foreign Languages**

The Department of Foreign Languages offers graduate studies in several languages and literatures. Such studies lead to the Master of Arts degree with major concentrations in French, German, or Spanish and minor concentrations in these same languages as well as Russian. For the Master of Science in Education degree in either secondary education or higher



education a concentration is available in French, German, Russian, or Spanish.

Students seeking the Master of Arts degree will be governed by the policies of the Graduate School, as stated in the Graduate Catalog, with respect to admission, scholastic attainment, residence, and time limitation for completion of the program.

In addition to the general requirements of the Graduate School, candidates for admission to the graduate program of the department normally present a Bachelor's degree with a major or at least 27 quarter hours of courses in French, German, or Spanish on the junior-senior level. Students who do not meet these requirements may be admitted under conditions prescribed for students on unclassified or probationary status. These students may register for specific graduate courses only with the consent of the instructor and the authorization of the head of the particular language section.

The student who has been admitted to graduate study will plan his course of study in periodic consultation with the graduate adviser in his language section. Together with his adviser, the student will also decide whether he will submit a research paper or a thesis. This decision should be made by the beginning of the third quarter of full-time study. In the event that he decides to submit a research paper, he must take bibliography and research techniques in foreign language areas (FL 560) from the appropriate language section and research problems (FL 543), two quarter hours of which will apply to the satisfaction of the research paper requirement. In the event that the student chooses to write a thesis, he should register for the thesis course (599) for which he will receive from five to nine quarter hours of credit. Whether a candidate writes a thesis or a research paper, he must pass a comprehensive written examination and a final oral examination at a time specified by the language section. For the student writing a thesis this final oral examination is primarily a defense of his thesis.

### *French*

The program of study leading to a Master of Arts degree with a major concentration in French is planned to afford a comprehensive overview of French Literature and the structure of the French Language. The candidate is expected to pursue a course of study which will provide some knowledge of all the historically important movements and figures in the literature as well as a special competence in an area of concentration to be selected by the student.

Each candidate must include in his program the following courses:

1. Romance Philology 410
2. Old French 515

The candidate must demonstrate proficiency in a second foreign language, normally Spanish or German, by passing an examination in that language.

### *German*

The candidate for the Master of Arts degree with a major concentration in German may elect a major specialization in either German Language and Linguistics or German Literature; a minor will be completed in the other of these two fields. Regardless of the specialization (language or literature) chosen, there are specific courses that must be taken by every student whether or not the student plans to write a thesis. These are:

1. FL 560A Bibliography and Research Techniques in German (to be

taken the first time it is offered after the student's first quarter of graduate study)

2. German 413 History of the German Language
3. One course in an older period of a Germanic Language; German 411AB Middle High German is recommended, but alternative courses are: German 509AB, German 533, English 501-2, English 506; in addition, German 412, Contrastive Phonetics: English and German is strongly recommended for prospective teachers of German.

Each candidate will be required to demonstrate, by examination, an acceptable reading knowledge of a second foreign language approved by the German section.

### *Spanish*

Graduate study in Spanish is organized by areas and fields of study. The areas are: Peninsular Spanish Literature, Spanish American Literature, and Hispanic Linguistics.

All candidates will select one of these areas for specialization. Each candidate must include the following courses in his program of study:

1. Romance Philology 410
2. Old Spanish 515
3. Spanish Syntax 520
4. FL 560C Bibliography & Research Techniques in Spanish

Candidates must also demonstrate proficiency in another Modern Foreign Language.

The Master of Science in Education degree in secondary education with a concentration in French, German, Russian, or Spanish requires at least 24 credit hours in the subject area and 24 credit hours in secondary education. The Master of Science in Education degree in the Department of Higher Education with a concentration in French, German, Russian, or Spanish requires at least 29 credit hours in the subject area and 19 credit hours in higher education. In either of the above cases if the concentration is to be in Russian then Russian 520 is required.

### **Forestry**

The Department of Forestry offers advanced courses for the Master of Science degree. In addition, cooperative curricula are available which permit graduate forestry students to enroll in Doctor of Philosophy programs with other departments.

### *Admission Requirements*

In addition to the requirements set forth by the Graduate School, the Department of Forestry requires the following:

1. A minimum grade point average of 3.7 is required for admission (A = 5.0). The department will permit conditional entry between the 3.5 and 3.7 grade point average level. Grade point average of 3.7 or higher is required for stipend eligibility when available.
2. The student is required to provide proof of his proficiency in technical writing. Normally an expository essay is required to evaluate whether the student should have remedial grammar or writing courses.
3. Three letters of recommendation from former professors, employers or other responsible individuals are required.
4. The aptitude test of the Graduate Record Examination is required of all applicants.



5. Each applicant should fill out the statement of interest form. This form indicates the student's area of interest in forestry and the faculty member under whom he desires to study. All correspondence should be directed to the Chairman of the Department of Forestry.

#### *Retention and Completion Requirements*

Once on campus and during the second quarter of residence, an advisory committee of 3–5 members of the graduate faculty will be formed to guide the student's work. The same committee will be responsible for preparation and administration of thesis exams and also for the reading of the thesis. The advisory committee chairman and one other member of the committee shall be members of the Forestry Department. The other member(s) may be selected from any academic unit including forestry.

#### *Summary of Events*

1. The deadline for receipt of applications and official transcripts in the office of the Graduate School:
  - (a) The second Saturday in July for admission to the fall quarter.
  - (b) The last Saturday in October for winter quarter.
  - (c) The last Saturday in January for spring quarter.
  - (d) The last Saturday in March for summer quarter.
2. Three letters of recommendation from the applicant's former professors or employers should reach the forestry department chairman by the same dates as above.
3. Acceptance by department and Graduate School will be announced one month or earlier than the desired matriculation date. A thorough review will be made by a screening committee of three forestry department graduate faculty and the departmental adviser.
4. Registration for first quarter work after student's acceptance by the department.
5. Appointment of committee chairman, written plan for course work, and selection of tentative thesis areas all within first two months of residence.
6. Preparation of formal written thesis outline and preparation of research proposal.
7. Completion of final, typed or reproduced review copies of thesis and submission to advisory committee at least one week in advance of oral defense of thesis. Handwritten or incomplete work will not be acceptable.
8. Oral exam to be followed by completion of required approval forms. If thesis requires modifications, this should be accomplished immediately to reach the graduate dean's office in due time set by the Graduate School. One copy of the thesis will be provided for the department, one for the chairman of the advisory committee in addition to copies required for the Graduate School and a copy for the individual himself. Additional copies may be required for projects sponsored by outside agencies.

#### *Master of Science Programs*

The forestry department offers four areas of concentration with specializations within each. Combinations of specializations are possible.

1. Forest Resource Management
  - (a) Forest ecology (including silviculture, forest soils, forest influences and watershed management)



- (b) Forest management
- (c) Forest biometry
- (d) Forest economics
- (e) Forest-tree improvement
- 2. Park and Wildlands Management
  - (a) Forest and outdoor recreation
  - (b) Park management
  - (c) Outdoor recreation planning
  - (d) Urban (municipal) forestry
- 3. Wood Science and Technology
  - (a) Physical, mechanical, and biological properties of wood
  - (b) Production of forest products
  - (c) Forest products marketing
- 4. Outdoor Recreation Resource Management
  - (a) Social science concentration
  - (b) Biological science concentration
  - (c) Managerial science concentration
  - (d) Natural science concentration

All candidates for the Master of Science degree are expected to complete original research. For those engaged in the first three areas mentioned above, this research shall lead to the completion of a thesis governed by the rules of the Graduate School. Students in the outdoor recreation resource management option may elect either a thesis or a research paper.

#### *Assistantships and Fellowships*

Eight to ten research assistantships are sponsored each year by the McIntire-Stennis Cooperative Forestry Research Act. Several assistantships financed by the experimental farms and teaching assistantships funded by the School of Agriculture are also available. Outstanding students have the opportunity to apply for a graduate school fellowship and for stipends awarded by the SIU-C Outdoor Laboratories. If qualified, foreign students are eligible for tuition scholarships through the dean of international students. A variety of stipends for research studies is available through the auspices of the Federal Forest Service, the U.S. Department of Interior, other federal and state agencies and private corporations.

Since the normal minimum requirement for graduation is 48 quarter hours, the completion of degree work for students holding assistantships should be accomplished within five academic quarters which is also the maximum span for financial aid.

#### *Facilities*

Southern Illinois University at Carbondale is well endowed with a number of different forest types which are available to the forestry department for teaching and research purposes. In particular, we are conducting or planning research and demonstration programs on forest plots and experimental fields of the Carbondale campus and its experimental farms. We also have access to wooded lands of the SIU-C Little Grassy Outdoor Laboratory at Pine Hills Field Research Station and other forests.

Through various memoranda of understanding and special use permits we have use of forested lands and plots on the Crab Orchard wildlife refuge, the Shawnee National Forest and the Union State Forest, all of which are within an hour's drive of Carbondale. In addition, we can conduct basic research on the famous Beall Forest near Mt. Carmel, Illinois.

The forests on this land represent one of the last central hardwoods remnants of original bottomland and slope vegetation and are under jurisdiction of the Illinois Nature Preserves Commission.

We also have access to a variety of private corporation lands, including strip mines, timber management, and pulp operations.

A new research greenhouse operated in cooperation with the U.S. Forest Service at the tree improvement center on the western side of campus is now in operation. Greenhouse and growth chamber facilities in the agriculture greenhouses in conjunction with the Department of Plant Industries are also available.

A variety of laboratories for all phases of forestry research as well as access, through cooperative agreements, to laboratory facilities with other agencies including Forestry Sciences Laboratory on the campus are available. In addition, a modern wood testing laboratory and a large wood products pilot plant is accessible at our Vocational-Technical Institute.

### **Geography**

The Department of Geography offers three fields of specialization: physical environmental systems, resource management systems, and systems of cultural adaptation. Programs lead to the degrees of Master of Arts, Master of Science, and Doctor of Philosophy. Also offered is a concentration in geography as a part of the Master of Science in Education program in secondary education.

#### *Master's Degree*

The graduate program for each student will be structured from a student-inquiry viewpoint. The student should take the initiative with the guidance of his adviser and the departmental faculty during all phases of his program.

#### *Selection of a Tentative Adviser*

Students admitted to the master's degree program should expect to qualify for the M.A., M.S., or M.S. in Education degree, normally within a 24-month period. Incoming students should choose a tentative adviser no later than two weeks after the beginning of their first quarter of residence. The choice will be made in consultation with the chairman of the department and with the consent of the prospective adviser taking into consideration such matters as faculty expertise and faculty and advisee loads.

#### *Course of Study*

A proposed course of study, identifying deficiencies to be rectified, and language, statistics, or other technique requirements, will be initiated by the student in consultation with his adviser during the student's first quarter in residence. The proposal will be presented to the graduate research program and professional activities committee of the department for its comment, and subsequent approval. The proposed course of study shall include the following courses: Geography 450, 451, 452, and 550. Each student will also include 3 seminars in his program.

#### *Proficiency Option*

Each student will enroll in Geography 450, 451, 452, and 550 during the first quarter of its offering after his matriculation. A proficiency examination for each of the three core courses will be offered upon request to



each student before the end of the first week of the quarter of its offering. Notification of the student's passing or failing of the proficiency examination will be given to the student within one week after the examination.

### *Review and Evaluation of Student Progress*

Each student's progress will be assessed quarterly by the faculty in a meeting within 10 days after the beginning of the ensuing quarter. For that meeting, a written statement, based on faculty reports of his performance will be generated by the adviser for submission to the student, the chairman of the department and the graduate research program, and professional activities committee. Each student is expected to show continued progress and in particular, to develop habits of critical analysis and dialogue. Unsatisfactory progress will be brought to the attention of the graduate research program and professional activities committee for recommended action by the faculty.

### *Master's Advisory Committee*

Students have two options for the master's degree: a thesis or a research paper. This option must be decided before the end of the third quarter of residence.

Before the end of the third quarter of the student's program, an adviser and committee must be arranged and approved by the faculty; the committee must implement the following at that time:

1. Circulate the student's preliminary research paper or thesis proposal to the faculty for comment and recommendation to the master's advisory committee where approval must be obtained prior to the student's registration for thesis hour credit.

2. Arrange for the student's accomplishment of an assigned field problem which must be completed in a prescribed length of time. Successful completion includes an oral defense of the faculty of the student's methodology and findings.

3. Provide for a faculty evaluation of the student's performance in the areas described above and decide whether the student is to be encouraged to continue with second year of graduate study. Tentative course enrollment projections for the second year should be approved at this time.

### *Completion of Requirements*

The finished thesis or research paper will be submitted to the master's advisory committee for approval. The judgment of the committee will be expressed to the student and forwarded to the chairman for recommendation to the Graduate School for the conferring of the master's degree.

### *Doctor of Philosophy Degree*

The Ph.D. degree is a specialized research degree. Although it assumes a broad background comparable to that provided by the M.A. program the Ph.D. program is designed to develop a comprehensive yet a critically analytic knowledge of theory, literature, research, design, and application within one of the three fields of specialization. In addition the Ph.D. candidate will concentrate in two subfields in which he proposes creative research.

### *Program*

The student and his tentative adviser will formulate a program which will include the following courses: Geography 450, 451, 452, and 550. The



student, adviser, and committee will ascertain the tools and cognate courses appropriate and will certify proficiency. Each student will include four research seminars in his program.

Before the end of the second quarter of doctoral work, the student will select an adviser and they jointly will recommend doctoral committee members to the graduate faculty for certification.

### *Review and Evaluation of Student Progress*

Each student's progress will be assessed quarterly by the faculty in a meeting within 10 days after the beginning of the ensuing quarter. For that meeting, a written statement, based on faculty reports of his performance will be generated by the adviser for submission to the student, the chairman of the department and the graduate research, program, and professional activities committee. Each student is expected to show continued progress and, in particular, to develop habits of critical analysis and dialogue. Unsatisfactory progress will be brought to the attention of the graduate research, program and professional activities committee for recommended action by the faculty.

Upon completion of the program, and with the approval of a majority of the graduate faculty, the Ph.D. student will offer for a comprehensive written and oral examination two subfields within the following three fields of specialization: Physical Environmental Systems; Resource Management Systems; and Systems of Cultural Adaptation.

The written portion of the comprehensive examination will be prepared by the student's doctoral committee which will evaluate the performance and judge the student's success or failure. The examination then will be circulated to the graduate faculty.

The graduate faculty will be invited to the oral examination which takes place in not less than one week nor more than two weeks from the time of the written examination. The oral examination will be conducted by the student's doctoral committee with appropriate opportunity for all graduate faculty to ask questions. The student's success or failure of the oral examination will be judged by the student's doctoral committee.

The doctoral student will present his dissertation proposal at an open meeting of the Department of Geography, having passed the comprehensive examination. The written and oral examination and presentation of the dissertation proposal are prerequisite to admission to candidacy.

### *The Dissertation*

The student's written dissertation will be circulated to members of his doctoral committee two weeks in advance of the proposed defense. The doctoral committee will announce a public invitation a week in advance and will hear the student's defense at the place and time approved by the Graduate School. The finished dissertation will be sent to the student's doctoral committee for approval. The judgement of the official committee will be expressed to the student and forwarded to the chairman of the department for recommendation of the Graduate School for conferring of the Ph.D. degree.

## **Geology**

The Department of Geology offers a program leading to the Master of Science degree.

### *Master of Science Degree*

Entering students are required to take a placement examination which is administered at the beginning of the Fall and Spring terms each year. All students are expected to be familiar with the Department of Geology policies and requirements. All students are expected to give evidence of competence in the basic sciences. A total of forty-eight hours of graduate work with an average grade of *B* or better constitute the minimum credit requirements. A final oral examination, primarily concerned with defense of the thesis, is administered as the last step before graduation.

The objective of the master's program is to develop the student's competence in the basic fields of geology and to provide for specialization dependent on student and faculty interest. Facilities and staff are available for studies involving surface and subsurface mapping, structural geology, petrology, paleontology, micropaleontology, palynology, paleoecology, coal petrology, coal geology, stratigraphy, sedimentation, sedimentary environments, crystallography, mineralogy, low temperature geochemistry, ore deposits, petroleum geology, environmental geology, hydrogeology, and exploration geophysics. Many of the faculty are actively conducting research in which statistical and computer techniques are applied to problem solving in the earth sciences. Interdisciplinary research with other departments is encouraged. Preparation for teaching earth science at the high school and junior college level may also be undertaken in cooperation with the College of Education and other science departments.

Southern Illinois and adjacent areas offer a wide variety of geological conditions ideal for individual study and research. Experienced staff members work closely with students and provide individual assistance when necessary. Graduate teaching, research and field assistantships are available to qualified students. The Illinois State Geological Survey and several major companies in the petroleum industry actively support geological work in this area.

### **Government**

Graduate courses in government may be taken as a major or cognate leading to the Master of Arts degree, as a part of a social studies major leading to the Master of Science in Education degree, and as a major leading to the Doctor of Philosophy degree.

### *Application Procedures*

Application for admission to graduate study in government should be directed to the Graduate School. The applicant must have the registrar of each college previously attended send three official transcripts of his record to the Graduate School. Supporting materials for the application should be sent to the director of graduate studies in the government department. These materials consist of (1) the personal and professional data form, (2) three letters of recommendation from former teachers, (3) a letter of professional intent, (4) a copy of all transcripts, and (5) scores on the Graduate Record Examination (GRE) verbal and quantitative test. The personal and professional data form and forms for applying for assistantships and fellowships may be obtained from the director of graduate studies. In the event that the GRE cannot be taken at the time of application, this requirement may be temporarily waived until the first



time the examination is offered after the student arrives on campus. Applications and supporting materials should be submitted at least eight weeks before the quarter the student intends to register.

Departmental processing of applications for acceptance as a graduate student in government is the joint responsibility of the director of graduate studies and the graduate studies committee. The director of graduate studies serves as adviser to each new graduate student until an advisory committee can be named, normally no later than the end of the student's first quarter in residence. All elements of the student's program must receive the approval of this committee.

### *Areas and Fields of Study*

#### **Area A—Political Theory and Methodology**

- (1) History of political theory
- (2) Normative political theory and analysis
- (3) Empirical political theory and theory-building
- (4) Research methods and techniques
- (5) Polimetrics
- (6) Didactics

#### **Area B—American Government**

- (1) Concepts, theory and methods
- (2) The legislative-executive process
- (3) Administrative decision-making and organizational behavior
- (4) Political behavior and the electoral process
- (5) Public policy (including foreign policy)
- (6) Psychology and politics
- (7) State, local, community and urban behavior and structures
- (8) Public law and the judicial process

#### **Area C—Comparative Government**

- (1) Concepts, theory and methods
- (2) The political systems of foreign countries or areas
- (3) Processes and institutions, e.g., comparative political development, comparative political socialization, comparative administration, comparative political parties, comparative foreign policies, or other approved topic

#### **Area D—International Relations**

- (1) Concepts, theory and methods
- (2) International politics
- (3) International law
- (4) International organization
- (5) Linkages between foreign policy and international relations

#### **Area E—Cognate and Interdisciplinary fields**

- (1) An approved field, e.g., history, economics, mathematics or sociology
- (2) An approved set of related interdisciplinary courses, e.g., courses in organizational and group behavior

### *Master of Arts Degree*

Requirements for admission imposed by the department are in addition to those of the Graduate School. The department will ordinarily accept as candidates for the Master's degree only those applicants who (1) have graduated from an accredited four year college or university; (2) have completed a minimum of 24 quarter or 16 semester hours in government or political science; (3) have a 3.7 (5-point scale) over-all grade point



average or, alternatively, have a 3.9 overall for the last two years of undergraduate work, and (4) have a 4.0 average in government or political science.

Applicants who meet the minimum standards of the Graduate School but do not meet these minimal requirements can be considered for acceptance only on petition to the department's graduate studies committee. If granted, acceptance may be accompanied by a statement specifying special conditions of admission.

The student must earn a minimum of 48 quarter hours of acceptable graduate credit to meet the requirements for the Master's degree. At least 24 hours of this credit must be in 500-level courses and at least 15 quarter hours of the 500-level work must be in courses other than internship or thesis.

A student who completes only the minimum of 48 hours of course work may devote no more than 8 of those hours to courses outside the department unless the work is in an approved cognate field or topic. In the latter case, a maximum of 16 hours in the cognate area may be counted toward fulfillment of the 48 hour requirement.

Each candidate for a Master of Arts degree is required to take government 500a and 500b, Research Methods. Proficiency in one tool—a modern language, statistics or computer science is also required. The selection of a tool must be justified to the student's advisory committee as being relevant to his or her proposed course of study and research and professional interests. The method of demonstrating proficiency is the same as that required of Ph.D. students.

A student must have an overall GPA of at least 4.0 ( $A = 5.0$ ) to be eligible to write a master's thesis or internship report.

A thesis or internship report of thesis quality is required for the Master of Arts degree. The topic must be approved by the members of the student's thesis committee. A final oral examination will cover the thesis, the major area in which it is written and the student's general competence in government.

### *Doctor of Philosophy*

The rules in force at the time of the student's admission to the Ph.D. program will apply while he or she is in the program unless (1) the student voluntarily selects a newer set of rules in total or (2) the time between admission to the Ph.D. program and passing the preliminary examinations exceeds five years. In the latter case, the student will automatically come under the rules in force at the beginning of the sixth year and every fifth year thereafter until the preliminary examinations are passed. At least one year (three academic quarters) in residence is required before taking preliminary examinations. The Ph.D. student must offer six fields of study selected from at least four areas. Four fields from not less than three areas of study will be satisfied by passing the written preliminary examinations. Two fields will be satisfied by the completion of eight hours of graduate course work (either 400 or 500 level courses) with at least a grade of *B*. Courses taken in the M.A. program may be used to satisfy this requirement. Excluding dissertation hours, one-half of the remaining work must be 500 level courses. Successful completion of Government 500a and b and the tool requirements and an overall GPA of at least 4.5 are also required before taking preliminary examinations.

Each Ph.D. student must satisfy two tool requirements, consisting of two foreign languages or any combination of two of the following: One

foreign language, statistics, or computer science. The two tools selected must be justified to the members of the student's advisory committee as being relevant to a program of study and research and professional interests. Language proficiency may be demonstrated by course work or examination. Passing the Educational Testing Service foreign language examination with a minimum score of 465 may be used to fulfill the requirement in the common languages (Spanish, German, French or Russian). A special examination locally administered is used for the uncommon languages (Arabic, Chinese, Vietnamese, etc.). Alternatively, the language requirement may be satisfied through the successful completion of 288a,b, and c in the foreign languages department with a minimum grade of *B* in 288c. Where the foreign languages department recommends that the student start with 288b or c, the completion of the recommended course with a grade of *B* in 288c will satisfy the requirement.

Proficiency in computer science may be demonstrated by course work or examination. The student may take Computer Science 202, Advanced Fortran, and a third course approved by the advisory committee members. A grade of *B* is required in the second and third courses. A special problem assigned by a committee of faculty designated by the director of graduate studies in the government department can be substituted for the third course. As an alternative to the course work or problem, the student may take an examination prescribed by a committee of government faculty designated by the director of graduate studies.

Statistics tool requirements can be fulfilled by taking Mathematics 410a and b and a third mathematics course approved by the student's advisory committee or by taking Guidance 505, 506, and 507. A grade of *B* must be earned in the last two courses. Proficiency in one, two, or all three statistics courses can alternatively be demonstrated by passing examinations administered by the mathematics department.

The dissertation topic must be approved by the members of the student's dissertation committee. The student must register for 36 hours of dissertation credit. The dissertation must be completed within five years of finishing the preliminary examinations. If the dissertation is not finished, the student will have to take preliminary examinations again. Upon completion of a dissertation of acceptable quality, the successful passing of a final oral examination devoted primarily to a defense of the dissertation will complete the degree requirements for the Doctor of Philosophy degree.

### **Guidance and Educational Psychology**

The Department of Guidance and Educational Psychology offers three programs in addition to actively participating in the Ph.D. in Education program. The three programs are: M.S. in Education in guidance, M.S. in Education in educational psychology and Specialist degree in guidance.

#### *Guidance*

The Guidance and Educational Psychology Department at Southern Illinois University at Carbondale offers the *Master of Science in Education* degree in guidance with emphasis at either the elementary or secondary school level.

#### **PROGRAM OBJECTIVES**

The basic objective for the guidance program is to prepare a specialist in guidance to work in the school setting. While at times the individual may



choose to work in another setting, the program is designed primarily to meet the needs of school personnel. This being the case, the school counselor is viewed primarily as an educator. A person interested in clinical psychology, counseling psychology, rehabilitation counseling, college student personnel work, etc., should seek a program different from that presently offered. This in no way implies a disregard or lack of understanding for either counseling or therapy, but states clearly the expectation that the guidance major graduating from our master's program will have specific skills enabling him to work effectively in an instructional context. Some objectives for all programs would include an expectation of the development of attitudes and skills in the following areas:

1. An appreciation of the dignity and worth of man.
2. An understanding of human behavior, particularly as it relates to the school setting.
3. A philosophy of education and the role of guidance services within this philosophy.
4. Those specific skills attributed to a person filling the role of a school counselor.

#### ADMISSION REQUIREMENTS

A. Master of Science in Education degree with majors in elementary guidance or secondary guidance.

Admission to study for a graduate degree in the guidance and educational psychology department is based upon an analysis of the academic and personal potential of the individual. Prerequisites include:

1. Applicants must be eligible to hold a teaching certificate. Special cases examined by the selection and review committee may arise. In such instances each situation will be reviewed carefully on appeal from the individual concerned.
2. Applicants for the master's degree who have earned a 3.70 grade point average (based on 5.0 as A) in the undergraduate degree will be admitted to graduate study. Those students whose averages are below 3.70 but above 3.40 may, with good reason, petition that the selection committee of the guidance and educational psychology department accept them conditionally in accordance with the regulations of the Graduate School.
3. Applicants must have one year of full time employment subsequent to receipt of their bachelor's degree or be 24 years of age at the time of application to the program. Special cases examined by the selection and review committee may arise. In such instances each situation will be reviewed carefully on appeal from the individual concerned.

#### PROCEDURES FOR ADMISSION TO STUDY

Permission to enter a program of study in the Department of Guidance and Educational Psychology is by application and review of performance. Procedures are listed below:

1. Completion of the application for admission to graduate study. These forms may be obtained from the Graduate School. Completed forms are to be returned to the Graduate School admissions office.
2. Submission of three official transcripts of all previous college course work to the Graduate School admissions office.
3. Submission of four reference letters, preferably from a college academic adviser, a fellow teacher, and most recent employer. The



referent should be asked to comment upon the applicant's personal qualities—ideals, honesty, and leadership—ability to work in his chosen career field (relationship with peers and organization ability), academic achievement, work experience, sense of job responsibility. Reference letters should be mailed directly from the referent to the Department of Guidance and Educational Psychology.

4. Submission by an appropriate university or other agency of scores received on the Miller Analogies Test. This test can be taken on campus at the student's convenience.
5. Completion of an autobiographical sketch. The Department of Guidance and Educational Psychology selection and review committee is interested in each application as an individual. The autobiographical sketch should comment upon the following:
  - 5.1 Early life experience which may have influenced your development, e.g., significant incidents in your home with parents, siblings, friends; work and responsibilities as an employee or member of a group; experience in school and elsewhere.
  - 5.2 College experience including a listing of organizational memberships, offices held, and other activity participation which influenced a decision to apply for the chosen program of study in the Department of Guidance and Educational Psychology.
  - 5.3 Work and other experiences, e.g., teaching summer camping, church work, work in industry, which support your chosen program of study in the Department of Guidance and Educational Psychology.
  - 5.4 Interpersonal relationships with your peers and other educators which influenced your decision to enter education which may affect your success as a professional educator.
  - 5.5 The role you perceive to be that of the educator-counselor as he relates to the students, the faculty, and the administrative staff.
  - 5.6 The social issues which you believe to be most important to mankind today.
  - 5.7 Summarize, briefly, why you feel that you will succeed in your chosen field of work.
6. If the applicant is accepted to a program of study in the Department of Guidance and Educational Psychology, the approval will be forwarded to appropriate University offices.

#### ACADEMIC REQUIREMENTS

1. 4.0 average is required in a prescribed sequence of graduate courses in order to be eligible to receive the Master of Science in Education degree.
2. Minimum of 48 hours of course work is required.
3. All candidates will be required to pass two written or oral comprehensive examinations during the quarter in which he completes requirements for the master's degree. A written request from the student, signed by his advisor, must be submitted one month prior to the examination date. Should the candidate fail to pass comprehensive exams, he can expect to complete additional work as determined by the examining committee.

The Master of Science in Education degree in guidance for secondary school guidance personnel is designed as the first year of graduate prepara-

tion of the public school guidance worker. While it is possible that a person completing the program might be employed under almost any title in the public school, this person is academically prepared to do those things we feel are best described as guidance functions in the public school. It is no longer fair or reasonable to either the public schools or the student in the program to imply that in one year of graduate work a preparation program can be sufficiently comprehensive to allow the graduate to do all those things which might be expected of him in the area of guidance and counseling. At this level we hope to prepare a person to have the following school related competencies:

- 1. Proficiency in educational and vocational counseling. The student will take three practicums: one in counseling, two in guidance services at the appropriate level. At this level our emphasis will be in developing a needed competence, that of helping students and parents develop vocational and educational plans. While it is true that the student will be given an opportunity to deal with other aspects of counseling as they appear, no claim is made that he can be prepared to the degree necessary in all areas. Two additional theory courses and two practicums are devoted specifically to counseling above the master level. All counselors are encouraged to complete these courses.
- 2. Proficiency in other guidance services. These skills include:
  - 1. The appropriate use of evaluation methods for school evaluation.
  - 2. Appraisal procedures appropriate in the secondary school.
  - 3. Group procedures appropriate in the secondary school.
  - 4. Use of informational materials and services.
  - 5. Ability to conduct in-service programs.
  - 6. Ability to make effective referrals.
  - 7. Ability to organize and administer a guidance program.
  - 8. Ability to employ basic statistics and educational measurement concepts.
- 3. Other general competencies:
  - 1. A basic understanding of human behavior, adolescent psychology, educational psychology, and their application in the school setting.
  - 2. The ability to serve as a consultant to the classroom teacher in matters relating to psychological needs of students if the teacher so desires.
  - 3. The ability to assist in formulation of programs of education designed to meet students' needs.

The following courses are generally required. It is strongly recommended that students take Guidance 442 (Basic Principles of Guidance) or its equivalent before entering the program. Guidance 442 cannot be counted as an elective.

	412	Mental Hygiene—Pre. 305	4
	or		
Psych.	440	Theories of Personalities	4
	505	Introduction to Statistical Methods	4
	530	Standardized Testing: Theory, Use & Interpretation— Pre. 305	4
	537a	Counseling Theory and Practice—Pre. Consent of Instructor	4
	541	Occupational Information and Guidance—Pre. 442	4
	543	Guidance Through Groups—Pre. 442	4



548a	Practicum in Secondary Guidance	8
548c	Practicum in Counseling—Pre. Consent of Instructor	4–8
553	Organization and Administration of Guidance and Pupil Personnel Services—Pre. 537a	4
562b	Human Development in Education (Adolescent)—Pre. Advanced Standing	4

In addition to this basic core, a student is required to take 4 hours to complete a minimal program of 48 hours.

In an effort to provide more realistic relevant experiences for master level students in guidance and counseling, the 548 series was devised. In this series students are placed in an on-the-job setting for three quarters. This gives the student more experience and according to school administrators provides a greater continuous service to the schools. This new program in guidance and counseling calls for a greater commitment and involvement from both students and from the school, but will produce a guidance counselor who should be more adequately prepared to meet the needs of the school.

548a Practicum in Secondary Guidance

548b Practicum in Elementary Guidance

In the Fall and Winter quarter, each master student in counseling and guidance will be placed in an appropriate setting for a minimum of one day a week. Laboratory experiences and a seminar will be included in this course that is appropriate to the on-the-job experiences. Prerequisites: permission of instructor.

548c Practicum in Counseling

In the Spring quarter each master level student will be expected to be in an appropriate educational setting for a minimum of three days a week. Laboratory experiences and a seminar will be included in this course that is appropriate to the experiences. In the case of job conflict, alternatives are listed and individual cases will be handled by committee. Prerequisite: permission of instructor.

#### ALTERNATIVES FOR 548 SERIES

Students who can not or will not be able to spend the required time in the on-the-job setting will have the following alternatives:

1. Arrange to spend one full quarter five full days a week in an appropriate setting.
2. Arrange to spend the required amount of time in the appropriate setting in another sequence as approved by the departmental committee.
3. Full time commuter teachers may take 548c in two hour blocks for two quarters to meet the time commitment.
4. Special cases may be petitioned to the departmental faculty committee in guidance and counseling.

The Master of Science in Education degree in guidance with the emphasis on the elementary level is designed to develop a specialist who works with children in a school setting and helps parents and teachers.

#### PROGRAM OBJECTIVES

That the elementary guidance person develop skills:

1. To work with children whose minor personal or academic problems interfere with school life using selected types of individual or group activities, and to make referral of children needing intensive diagnosis to community agencies or other professional personnel.



- 2. To provide counseling and group guidance services for teachers.
- 3. To consult with and assist parents and teachers in working with children.
- 4. To provide in-service training in areas of mental health, group guidance, interpretation and selection of tests, maintenance and use of cumulative records, child behavior and development, and techniques of counseling and interviewing.
- 5. To assimilate and interpret the technical information supplied by other specialists.
- 6. To interpret the guidance program to community organizations and parents.

The following basic core of courses is required for the major in elementary guidance.

Guid. 412	Mental Hygiene	4
or		
Psych. 440	Theories of Personalities	4
Guid. 505	Introduction to Statistical Methods	4
Guid. 521a	Analysis of Classroom Behavior	4
* Guid. 530	Standardized Testing: Theory, Use and Interpretation	4
* Guid. 537a	Counseling Theory and Practice	4
* Guid. 541	Occupational Information and Guidance	4
* Guid. 543	Guidance Through Groups	4
Guid. 548b	Practicum in Elementary Guidance	8
* Guid. 548c	Practicum in Counseling	4-8
Guid. 562a	Human Development in Education—Child	4

Whenever enrollments allow, those courses asterisked will have special sections for elementary guidance majors. It is strongly recommended that students take Guidance 442 (Basic Principles of Guidance) or its equivalent before entering the program. Guidance 442 cannot be counted as an elective.

In addition to this basic core, a student is required to take 4 hours to complete a minimal program of 48 hours. Additional courses felt to be needed by the student and his adviser will be added to the total.

SPECIALIST IN GUIDANCE

The guidance and educational psychology department, College of Education, Southern Illinois University at Carbondale offers a program of training that leads to a Specialist degree in guidance. This certificate is awarded to students who complete successfully the equivalent of a year of sequenced training beyond the Masters Degree. Students who complete the program of study qualify for positions as pupil personnel administrators or counseling with special populations or admission to an internship in school psychology.

The specialist program is designed to train service oriented personnel who have interests in children and young adults who have learning and social problems related to their schooling. Sensitivity to the school as a social system and understanding the interrelationships among professional personnel as well as between school staff members and students are emphasized. Course work is offered during the summer as well as during the regular academic year.

PROGRAM OBJECTIVES

This specialist program is designed to meet the needs of school personnel through an interaction model of training involving local school districts,

the State Department of Public Instruction, the College of Education, and other appropriate resources. All students who complete the specialist program will be expected to have skills and knowledges in the area of: (1.) consultive roles of school specialists (2.) counseling theory and practice (3.) individual appraisal and diagnosis (4.) evaluation of school programs (5.) management of classroom behavior

Students in conjunction with their advisers will select one or more of these areas for special emphasis. Laboratory practice and experiences in the schools will be employed to relate knowledge gained through formal course work to the skills required on the job.

#### PROGRAM ADMINISTRATION

Faculty members of the Department of Guidance and Educational Psychology who have responsibilities in the specialist program hold doctorates and are experienced practitioners. The content and quality of the specialist program including curriculum review, selection of students, and program relevancy are the responsibility of an admissions committee.

*Admission Procedures.* Admission into the program of study is established by the approval of an admissions committee. Procedures are listed below:

1. Completion of the application for admission to graduate study. These forms may be obtained from the Graduate School, and when completed, are to be returned to the Graduate School.
2. Submission of three official transcripts of all previous college course work directly to the Graduate School.
3. Completion of the Application for Admission to the Department and compliance with all other departmental admission requirements (letters of recommendation, test scores, as identified on the admissions application).

#### ADMISSION CRITERIA REQUIRED BY THE DEPARTMENT

1. A master's degree or its equivalent in educational psychology, special education, guidance, or related area is required.
2. Submission by an appropriate university or other agency of scores received on the Graduate Record Examination. The tests may be taken on campus at Southern Illinois University at Carbondale.
3. Experience in the public schools or related areas is required.
4. A 4.25 graduate grade point average (based on 5.0 as A) will be required of applicants for the Specialist degree before they will be admitted to the program unconditionally.
5. A student must be admitted by both the Graduate School and the department admissions committee.
6. Students must have academic competencies in the following areas for unconditional admittance to the Specialist Program:

#### *Competency Areas*

- |                 |   |
|-----------------|---|
| (a) Statistics  | Guid 505 (Basic Statistics) or<br>Math 410a (Statistical Analysis) or<br>Math 410b (Statistical Analysis) or<br>Equivalent        |
| (b) Measurement | Guid 530 (Standardized Testing) or<br>Guid 531 (Basic Measurement) or<br>Psych 522 (Research Design & Inference) or<br>Equivalent |



- (c) Personality

Psych 440 (Personality Theory) or  
Psych 530 (Personality Theory & Dyna) or  
Psych 431 (Psychopathology) or  
Equivalent
- (d) Behavior &  
Development

Guid 562a (Child Development) or  
Guid 562b (Adolescent Development) or  
Psych 451 (Advanced Child Psychology) or  
Psych 554 (Developmental Theory) or  
Equivalent
- (e) Curriculum

El Ed 561 (Curriculum El School) or  
Sec Ed 562 (High School Curriculum) or  
Ed Ad 560 (Curriculum) or Equivalent

A department admissions committee will inform appropriate university offices when the applicant is accepted to a program of study.

CERTIFICATE REQUIREMENTS

1. The requirements for the Specialist's degree are reviewed in chapter 1 of this catalog. A minimum of 45 quarter hours beyond the Master's degree with a 4.25 grade point average is required for all course work taken at the specialist's level.
2. A candidate is required to pass a written comprehensive and an oral examination over course work after 36 quarter hours have been completed. An evaluation is also made of the candidate's performance as a professional in a public school.
3. A scholarly paper or project is required on a topic formally approved by the student's specialist committee.

The students will follow the guidelines suggested below so that minimal competencies for the specialist degree will be assured.

Required  
Hours

4	Analysis of Classroom Behavior	Guid 521a	4
4	Seminars: Counseling	Guid 568	1-12
	Evaluation	Guid 580	4
	School Psychology	Guid 555	1-12
4	Practicum: School Psychology	Guid 548d	1-12
	Counseling	Guid 548c	1-12
	Counseling, Guidance, and Counselor Supervision	Guid 581	1-12
4	Individual Investigation	Guid 597	1-12
4	Seminar—Counseling Process	Guid 481	1-12
4	Individual Appraisal	Guid 532a	4
		Guid 532b	4
		Guid 546a	4
		Guid 546b	4
21	Electives		

EDUCATIONAL PSYCHOLOGY

The guidance and educational psychology department at Southern Illinois University at Carbondale, also offers the Master of Science in Education degree with emphasis in educational psychology. The following consists of a statement of requirements for the Masters degree program.

PROGRAM OBJECTIVES

The basic objective is to provide a background in learning processes for



academically superior students interested in advanced training related to school learning. The program is particularly designed for individuals who may wish to prepare for doctoral work in the research area of school learning and socialization. The curriculum neither presumes nor anticipates certification to teach.

#### ADMISSION REQUIREMENTS

1. An undergraduate degree from an approved institution of higher learning.
2. An undergraduate grade point average of 3.70 on a 5.0 scale for unconditional acceptance.
3. Non-native English speaking students and students with undergraduate G.P.A. below 3.70 are required to satisfy graduate school and departmental English proficiency requirements.

#### PROCEDURES FOR ADMISSION TO STUDY

Permission to enter the program is granted by the department committee on selection and retention. Procedures for admission are as follows:

1. Completion of the application for admission to graduate study. Completed forms are to be returned to the Graduate School.
2. Submission of 3 official transcripts from each school attended. Transcripts to be sent directly to the Graduate School by the registrar of each school.
3. Submission of scores on the Miller's Analogy Tests or the Graduate Record Examination, both verbal and quantitative, should be sent directly to the Department of Guidance and Educational Psychology.
4. Submission of three letters of recommendation by professors familiar with the applicant's academic performance. Letters of recommendation should be sent directly by the individual writing the letter to the Department of Guidance and Educational Psychology.
5. Submission of the department application form. This should be sent directly to the Department of Guidance and Educational Psychology.

All items to be sent directly to the Department of Guidance and Educational Psychology should be addressed as follows:

Committee on Selection and Retention  
Educational Psychology Masters Program  
Department of Guidance and Educational Psychology  
Southern Illinois University at Carbondale  
Carbondale, Illinois 62901

#### ACADEMIC REQUIREMENTS FOR RETENTION AND GRADUATION

1. A 4.0 average in a sequence of prescribed courses totaling 48 quarter hours.
2. Preparation of an acceptable master's thesis. The thesis topic is to be formally approved and the thesis is to be read and accepted by the student's adviser and one other member of the departmental faculty.
3. After meeting the preceding standards, the student is recommended for graduation by the committee on selection and retention at the request of his adviser.

#### CURRICULUM

The Master's program consists of required study in three areas which are designed to provide the necessary foundation in the major areas of Educa-

tional Psychology. The student's program will be determined jointly by himself and his academic adviser.

**REQUIRED COURSES (33–37 hours)**

**I. LEARNING (12 hours)**

4 hours—Guidance 515—Psychological Aspects of Education

4 hours—Guidance 511—Educational Implications of Learning Theories

4 hours—Guidance 521a—Analysis of Classroom Behavior

**II. QUANTIFICATION PROCEDURES (8 hours)**

4 hours—Guidance 505—Introduction to Statistical Methods

4 hours—Guidance 506—Advanced Statistical Methods

**III. SOCIAL-DEVELOPMENTAL (8 hours)**

4 hours—Guidance 562a—Child and Adolescent Development in Education

4 hours—Psychology 461—Social Psychology

or

4 hours—Psychology 408—Theories of Motivation

**IV. THESIS (5–9 hours)**

**V. ELECTIVE COURSES (11–15 hours)**

The student in conjunction with his adviser will elect additional courses to complete the required 48 hours.

**Health Education**

*Master of Science in Education*

Master of Science in Education degree programs are offered in health education. The candidate may select from three areas: school health education, community health education, and safety education. A common core of 20 quarter hours in health education is required of all master's degree candidates.

**SCHOOL HEALTH AND SAFETY EDUCATION**

In school health and safety education, two programs may be followed:

(1) a minimum of 24 hours in health education, a minimum of 16 hours in a minor field, and 8 hours, with departmental approval, from other graduate courses in the University; or (2) a maximum of 40 hours in health education and 8 hours from an approved field of education.

**COMMUNITY HEALTH EDUCATION**

The program in community health education extends over four quarters of study with 60 quarter hours required for the degree. In addition to the common core of 20 hours in health education required of all master's candidates, the community health education concentration requires Health Education 488, 489, and 500; a minimum of 4 quarter hours in foods and nutrition; 4 quarter hours in communications or group work methods; a full quarter as a field intern (Health Education 590); and, electives to 60 quarter hours.

**Higher Education**

*Master of Science in Education*

The Department of Higher Education participates in the Master of Science in Education program with a concentration in higher education.



Pre-service and in-service preparation is provided for persons who expect to teach in two-year and four-year colleges or serve in administrative positions in colleges and universities, and related institutions in: academic administration, college and university business affairs, college student personnel, and community and junior college teaching.

Students interested in one of these master's programs may obtain information and advisement from the advisers of the respective programs through the Department of Higher Education.

*Application:* Inquiries regarding application should be directed to the chairman of the Department of Higher Education.

*Admission:* Each applicant must submit an application to the Graduate School. In addition, an applicant is requested to submit to the Department of Higher Education the departmental application form, an autobiographical statement, three letters of reference (special form provided), and, when required, scores on the Miller Analogies Test or the Graduate Record Examination.

Students applying for academic administration or for college and university business affairs should have had two years of full-time experience in higher education. Students applying to the college and university business affairs master's program may be required to have taken certain courses in business or to have at least one relevant competency. Students considering college student personnel should show some evidence of interest or participation in student personnel work as an undergraduate. Students applying for the specialty in community and junior college teaching are expected to have an undergraduate concentration in a subject area commonly taught in a community or junior college. Each application is evaluated on an individual basis with much consideration being given to evidence showing the applicant's commitment to higher education as a field of study and as a life long interest.

*Retention:* The records of each master's student are reviewed periodically to determine whether the student should continue in the program. Each student works closely with his adviser in planning his program; each student also has a committee which assists in reviewing his progress, in supervising his thesis or research paper, and in administering the final examination.

*Program Requirements:* Each student will develop with his adviser a suitable sequence of courses that will help him reach his stated academic and professional objectives. In each of the specialties there are special requirements that should be noted:

Academic Administration: 48 quarter hours (minimum).

Core Courses: 20 quarter hours.

Higher Education 513 (4) Organization and Administration of Higher Education

Higher Education 516 (4) College Student and College Culture

Higher Education 535e (2) Problems in Central Administration

Higher Education 535g (2) Academic and Faculty Administration

Higher Education 518 (4) College Teacher and College Teaching

Higher Education 555 (4) Philosophy of Higher Education

An internship experience if an exception was made waiving the pre-admission work experience.

College and University Business Affairs: 48 quarter hours (minimum).

Core Courses: 20 quarter hours.

Higher Education 510 (4) Higher Education in the United States



Higher Education 513 (4) Organization and Administration of Higher Education

Higher Education 518 (4) College Teacher and College Teaching

Higher Education 535e (2) Problems in Central Administration

Higher Education 535g (2) Academic and Faculty Administration

Higher Education 578 (4) Economic Aspects of Higher Education

An internship experience if an exception was made waiving the pre-admission work experience.

One or more professional competencies.

College Student Personnel: 60 quarter hours (minimum).

Core Courses: 20 quarter hours, including 4 hours of practicum.

Higher Education 515 (4) College Student Personnel: Policies and Procedures

Higher Education 516 (4) College Student and College Culture

Higher Education 523 (4) Internship in Higher Education

Higher Education 555 (4) Philosophy of Higher Education

Guidance 505 (4) Introduction to Statistical Methods

A required internship experience.

Students are encouraged to develop an interdisciplinary program preparing them in general student personnel administration or in one or more of the individual student services.

Community and Junior College Teaching: 48 quarter hours (minimum).

Core Courses in Higher Education: 16 quarter hours:

Higher Education 516 (4) College Student/College Culture

Higher Education 518 (4) College Teacher/College Teaching

Higher Education 551 (4) Curriculum Design and Policy

Higher Education 565 (4) Community-Junior College

Courses in Occupational Education: 3 quarter hours:

O.E. 485 (3) Principles & Philosophies of Voc.-Tech. Education  
(may be replaced by Higher Education course, when desirable)

Internship: 4 to 12 quarter hours (when feasible). Higher Education 523a-Internship, College Teaching. (An Internship cannot be assured, but effort is made to provide such an experience when possible.)

In each of the separate specialties listed above, variations in the program requirements may be made only with the concurrence of the student's committee.

*Research Requirements:* Each student shall demonstrate his research competency through writing an acceptable master's thesis or a research paper. A student selecting academic administration or college and university business affairs is usually asked to write a thesis and to demonstrate research competencies as outlined by his committee. Students in college student personnel usually prepare research papers on a topic concerned with student development and related activities. Students in community or junior college teaching must submit an acceptable research paper on a topic in the teaching field with approval coming from both the adviser in the Department of Higher Education and the representative from the subject-area department who works with the student in the writing of the paper. In exceptional cases, the paper may be in Higher Education instead of the teaching field. In some instances, the student may wish to meet the thesis requirement instead of the research paper requirement.

*Final Examination:* All master's students are required to complete successfully a final examination which may be written or oral or both. Upon

the successful completion of all requirements, including a *B* average for all course work, the student is recommended to the Graduate School for graduation.

*Financial Aid:* The Department of Higher Education makes an effort to find financial support for its graduate students through a number of graduate assistantships available throughout the University in different administrative offices and residence halls. The student should consult his academic adviser about possible financial assistance including graduate fellowships.

## **History**

### *General Information*

Graduate work in history is offered at both the master's and the doctoral levels. Admission to programs administered by the Department of History must be approved by the department, with approval dependent upon the preparation, ability, and promise of the individual student. For the Master of Arts degree, the department has no formal admission requirements beyond those of the Graduate School. For admission to the doctoral program, each applicant should submit to the department, in addition to the material sent to the Graduate School, the following letters and report: three letters from former teachers, preferably at the graduate level; a letter in which the applicant expresses his professional and personal objectives; and a report of the result of the aptitude test (both verbal and quantitative) and the advanced test in history of the Graduate Record Examination.

Fellowships and teaching assistantships are available to qualified graduate students. All carry stipends, and remission of tuition. Applications for these awards should be submitted by February 1.

Additional information concerning the graduate program in history may be obtained by writing to the chairman, Department of History.

### *The Master's Degree*

History may be chosen as a major or minor for the Master of Arts degree and as the subject-matter major for the Master of Science in Education degree. Four major divisions of historical study are offered: American, Latin American, European, and Asian or African. Candidates for the M.A. degree must consult with the graduate adviser in the Department of History before registering for courses. Candidates for the M.S. in Education degree must consult with the appropriate adviser in the Department of Secondary Education before registering for courses.

For the Master of Arts degree in history, 48 quarter hours of satisfactory graduate work are required; at least 24 of these 48 hours must be on the 500 level. Within this general requirement, at least 32 quarter hours must be in appropriate history courses, with at least 16 of the 32 hours on the 500 level. The remainder of the hours may be taken in courses on the 400 level. At least 15 hours should be taken outside the division of concentration in history. Of these 15 hours required, 8 hours must be at the 500 level. The Department of History strongly recommends that each candidate be enrolled in at least one 500-level course each quarter during his first three quarters in the program. A candidate for the Master of Arts degree must show reading knowledge in a foreign language. With the approval of the department, statistics or computer



programming may be substituted for the foreign language. He may elect to fulfill the research requirement through either the thesis or the non-thesis program.

A candidate in the thesis program should, with the approval of the chairman, select a thesis adviser and a thesis topic by the end of his second full-time quarter in the program. As many as nine quarter hours may be in thesis research. The candidate must submit an acceptable thesis, and pass a comprehensive oral examination covering his field of specialization and his thesis.

A candidate in the nonthesis program must receive an *A* or *B* in two separate research seminars, and copies of both research papers from these seminars must be filed with the department and an approved copy of one paper filed with the Graduate School. Each candidate is required to pass a comprehensive oral examination conducted by a three-man committee. The examination will cover two fields of the candidate's choice, but the fields may not be in the same division.

*Division I—American History*

Colonial

United States, 1776–1865

United States, 1865–1919

United States, 1919 to present

Mississippi Valley and Illinois

*Division II—Latin American History*

Colonial

19th Century

20th Century

*Division III—European History*

Ancient

Medieval

England since 1600

Europe, 1450–1789

Europe, 1789 to present

*Division IV—Asian or African History*

*The Doctor of Philosophy Degree*

Candidates in history for the Doctor of Philosophy degree must complete at least two years of full-time graduate work beyond the bachelor's degree or one year beyond the master's degree (or its equivalent), and submit a satisfactory dissertation. The courses and hours of credit necessary for a doctoral student to prepare for preliminary examinations will be determined by the student's advisory committee. The goal is to develop high competence in the five selected fields in which he will be examined.

The department requires all candidates to pass a reading examination in two foreign languages. With the approval of the department, statistics or computer programming may be substituted for one language. The language requirement must be satisfied prior to the preliminary examinations.

The department offers advanced study in fifteen fields of history which are grouped in four major divisions.

*Division I—American History*

Colonial

United States, 1776–1865



- United States, 1865–1919
- United States, 1919 to present
- Mississippi Valley and Illinois
- Division II—Latin American History*
  - Colonial
  - 19th Century
  - 20th Century
- Division III—European History*
  - Ancient
  - Medieval
  - England since 1600
  - Europe, 1450–1815
  - Europe, 1789 to present
- Division IV—Asian History*
  - East Asia
  - South Asia and Southeast Asia

Each student will be responsible for five fields; either all five in history or four in history and one in a minor subject. For his preliminary examinations, the student will present four fields, all in history or three in history and one in a minor field. He will be certified in a fifth field, either in history or in a minor subject, by taking courses and passing them to the satisfaction of his advisory committee and the professors in that field. Not more than three fields may fall within any one of the above divisions. The preliminary examinations will consist of a three-hour written examination in each of his four fields and two-hour oral examination covering all fields.

After completing his course work, fulfilling the foreign language requirements, and passing the preliminary examinations, the student will be admitted to Ph.D. candidacy and devote his time to the dissertation. Dissertation subjects must be chosen from either American history, Latin American history, or European history. Subjects in American history may fall within any field listed in division I above. Subjects in Latin American history should come from the following areas: regions of special concern to the United States (e.g. the Caribbean), rapidly developing regions (e.g. Mexico), and underdeveloped areas (e.g. the Andean states), with major attention falling within the nineteenth and twentieth centuries. Subjects in European history may fall within any field listed in division III except ancient. The final oral examination will cover the field of the dissertation and related matters.

#### *Assistantships and Fellowships*

Fellowships and teaching assistantships are available to qualified graduate students. All carry stipends, and remission of tuition. Applications for these awards should be submitted by February 1.

Additional information concerning the graduate program in history may be obtained by writing to the chairman, Department of History.

#### **Home Economics**

The Master of Science degree in home economics is offered by the School of Home Economics, with major concentrations offered through the Departments of Child and Family, Clothing and Textiles, Family Economics

and Management (including Interior Design), Food and Nutrition, and Home Economics Education. The Department of Home Economics Education also offers the Master of Science in Education degree. In addition, a student enrolled in a program leading to the Ph.D. in Education, with a concentration in secondary education, may select the elective portion of his program from the graduate courses offered in the Department of Home Economics Education. The focus of the program in each department is briefly noted below. The course descriptions for each department may be found in Chapter 3 under the department's heading.

### *Child and Family*

The major concentration in the Department of Child and Family is designed to give students a knowledge and understanding of human development and the family, with a special emphasis on physical and psychological needs of children. Practicum training facilitates a recognition and appreciation of educator-child, parent-child, therapist and counselor-child relationships in the interest of human improvement.

### *Clothing and Textiles*

Graduate courses are directed toward increasing the student's awareness of design, construction techniques, industrial procedures and physical and chemical structure of textiles. New developments in textiles and the historical, sociological and psychological aspects of clothing are also studied.

### *Family Economics and Management (including Interior Design)*

The major concentration in the Department of Family Economics and Management seeks to develop the student's understanding and knowledge of factors associated with family resource management. Specific areas of concern are resources of economically disadvantaged families, the consumer's ability to handle available resources and social and economic aspects of housing the family from the viewpoint of the household and the community.

### *Food and Nutrition*

The major concentration in the Department of Food and Nutrition provides advanced knowledge in human nutrition, food science, and food systems. It is concerned with basic research on the function of nutrients, food quality and control, as well as the application of this knowledge to the improvement and maintenance of health by individuals in their homes, communities, and health care institutions such as hospitals, nursing homes, day care centers, and public facilities.

### *Home Economics Education*

The graduate programs in the Department of Home Economics Education are designed to provide advanced professional training for those persons who wish to teach home economics, including occupational and consumer-homemaking programs in secondary schools, post-secondary and adult or college classes. These programs also meet the needs of those who desire to go into teacher training, state supervision, vocational education or cooperative extension work. In addition, a student working for the Ph.D. in Education with a concentration in secondary education who selects the elective portion of his program from courses offered in the Department of Home Economics Education receives training for research,



advanced supervision, and administration in educational programs. All candidates are encouraged to supplement their major in Home Economics Education with preparation in related areas and general professional education.

### *Requirements for the Master of Science Degree*

To be admitted as a candidate for the Master of Science degree program in any department in the School of Home Economics, the candidate must:

1. Qualify as a graduate student (see Chapter 1).
2. Complete an undergraduate degree which need not necessarily be in home economics. Deficiencies in course prerequisites to the graduate courses may be made up after acceptance into the program.
3. Complete any additional departmental requirements which may include the Graduate Record Exam and letters of recommendation.

To qualify for the Master of Science degree, a student must:

1. Meet the general requirements of the Graduate School (see Chapter 1).
2. Complete a minimum of 30 quarter hours in the area of specialization.
3. Complete an additional 18 quarter hours in approved related fields under the direction of the advisory committee.
4. Satisfactorily complete Guidance 505 or equivalent and research methods 500 as approved by the department.
5. Complete departmental requirements for a thesis or research paper.

The department chairman will guide the student in the selection of an advisory committee. The advisory committee chairman in conjunction with the committee will approve and coordinate the student's program of study, prospectus, thesis or research paper, and comprehensive examination. The advisory committee will consist of three faculty members qualified for graduate faculty status.

### **Instructional Materials**

The Department of Instructional Materials offers courses of study leading to the Masters of Science in Education degree. Concentration of study may be in any of the three areas: instructional materials, audiovisual, or library service. The concentration of instructional materials is recommended for most students, for it gives a broader base of study and the public schools are moving toward instructional materials centers rather than toward the separate areas of audiovisual and library service.

The graduate major concentration in instructional materials, toward a Master of Science in Education degree, involves professional training in both audio-visual education and school library service. It meets the state and national certification standards for full-time school librarians and the standards recommended by the Association for Educational Communication and Technology of the National Education Association. In Illinois every school librarian is also required to have earned a teaching certificate.

Fifty-two hours are required for the major. No minor is required. At least 26 hours must be in courses numbered 500 or above. The following courses are required: 413, 417, 510, and 514.

The minor in school library service is offered for students taking a major in another area. This, consisting of a minimum of 16 hours, is in-



tended primarily for teachers who wish to obtain an appreciation of literature for children and adolescents. It is not intended for the preparation of professional school librarians. The following courses are required: 405, 406, 514, and at least 4 hours from 420, 510, 530, or 576.

The Doctor of Philosophy degree in education with a concentration in learning resources may be taken either in the functional area of educational psychology or curriculum and instruction. The procedures and qualifications are those established by the functional areas and information can be obtained by writing to the coordinator of the educational psychology or curriculum and instruction functional area, College of Education.

The doctoral program in learning resources is designed for those individuals who wish to become directors of instructional materials in a large school system, a college, a university, or industry where the scope of the program will require, under the director, separate specialists in the audio-visual and library fields. The graduate of this program would be able to plan long range activities for his unit, work with curriculum committees, with administrators, and with specialists such as psychologists, research directors, and directors of reading centers.

For further information concerning major and minor programs, work experiences, job opportunities, or other related matters, consult the chairman, Department of Instructional Materials.

### **Inter-American Studies**

Course work in the inter-American studies field is offered by the Departments of Anthropology, Economics, Foreign Languages, Geography, Government, and History.

Prerequisites for the Master of Arts degree include a command of the Spanish language adequate to meet the student's needs for research and communication within the area of his program. The director of the Latin American Institute and the supervisory committee will determine the student's linguistic competence on registration and, where necessary, specify what the student must do to improve his proficiency in Spanish. Whenever the student's program involves the need for Portuguese or French, he will also need to demonstrate or attain satisfactory proficiency in that language. In addition, a satisfactory basic preparation in inter-American studies is required.

#### *Requirements for the Master of Arts Degree*

1. The completion of at least 30 hours of courses acceptable for graduate credit in one of the above listed departments.
2. The completion of a minimum of 18 hours of related studies approved by the student's supervisory committee which will meet the requirement for a minor in the Latin American Institute. A maximum of three areas is permitted in the field.
3. The completion of a satisfactory thesis on a Latin American topic in the major for which 5 to 9 hours of credit are given.

A minor in inter-American studies for those students with a major in a department outside of the institute will consist of a minimum of 18 hours to be taken in two of the participating departments. Specific course programs will be worked out by the director of the institute in consultation with the chairmen of the departments involved.

In every case the student's final program must be approved by the graduate supervisory committee, acting under policies established by the Latin American Institute and the Graduate School.

### Journalism

Programs in journalism leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees are offered by the School of Journalism. The GRE aptitude tests are recommended for students requesting admission. Each graduate student's total program will be designed specifically for that student by the student in consultation with his academic adviser. Students in journalism programs may specialize in the following general areas: journalism history, behavioral studies of communications, and current problems of the mass media. Although the mere accumulation of credit hours should not be the objective of any student, minimum course requirements are set forth for both the master's and Ph.D. degrees.

#### *Master's Degree*

Candidates for the master's degree must complete a minimum of 48 quarter hours of graduate work, including the thesis. Approximately half of the course hours must be earned in journalism and half in non-journalism disciplines. Each student will be challenged to demonstrate a capacity for investigation and independent thought in his thesis. Only those students who pass the ETS Graduate Foreign Language Examination qualify for the Master of Arts degree; others qualify for the Master of Science degree.

#### *Doctor of Philosophy Degree*

Minimum course requirements for the Ph.D. degree will include 96 quarter hours beyond the bachelor's degree. Students generally will include a minimum of 36 quarter hours in journalism, 24 quarter hours in each of two non-journalism areas of study, and 12 quarter hours of electives. The student will complete at least 48 quarter hours of course work beyond the master's degree and must have a 4.25 average on course work taken at Southern Illinois University at Carbondale. These course requirements do not include credits earned in dissertation, Journalism 600. Each student must enroll for a *minimum* of 36 hours of dissertation credit, but may be required to enroll for additional dissertation credit beyond the minimum if he is using university facilities or services.

Each student will propose to his academic adviser early in his second quarter a listing of courses to be included in his study program with a statement of justification for these courses. Revisions may be made in his course of study only with the written approval of his academic adviser. In preparing a course proposal, the student is encouraged to deviate from the 36-24-24-12 hour course requirements outlined herein when to do so enables him to devise a rigorous program which best meets his academic, research and professional needs.

The Ph.D. student, in consultation with his academic adviser, will elect two from among these five research tool combinations:

Journalism 432, 433a,b

Journalism 590, History 452, Government 301

Guidance 505, 506, 507 or Mathematics 410a,b,c

Computer Programming

Modern foreign languages (pass ETS test in one or two from among



languages approved by the School of Journalism).

Courses listed as tools are subject to change without notice, at times when departments change course content, titles and numbers.

A student may propose other research tools for the consideration of his academic adviser who, in consultation with the school's graduate faculty admission and retention committee, may approve, modify, or reject the proposal. Courses taken to satisfy research tool requirements may not be counted for Ph.D. degree course credits.

Doctoral students who enroll, either for course credit or for research tool requirement, in one of two major research areas within the department (behavioral and historical) will be encouraged to take at least the basic course in the other research area.

In addition, each student will be required to undergo written and oral preliminary examinations in both his journalism and non-journalism areas of study; prepare a dissertation based on original, scholarly research; stand oral examination over the dissertation; and fulfill all the Graduate School requirements.

### Linguistics

Graduate courses in theoretical and applied linguistics are offered leading to the Master of Arts degree in linguistics or in English as a foreign language. Both 400- and 500-level courses are also offered for a minor in linguistics, and in English as a foreign language. Applicants for admission should send inquiries to the chairman, Department of Linguistics, Southern Illinois University, Carbondale, Illinois 62901.

#### *Master of Arts Degree in Linguistics*

Applicants for admission to the linguistics program, besides meeting the general conditions for admission to the Graduate School, must have an undergraduate average of at least 4.0 (on a 5.0 scale). They must also satisfy the following additional prerequisites: a set of courses corresponding to Articulatory Phonetics (402a), Introduction to General Linguistics (401a), and Introduction to Structural Linguistics (401b). Applicants with partial deficiencies in the above prerequisites may be provisionally admitted until the prerequisites are met. With regard to these prerequisite courses (which do not carry degree credit), the student who believes himself capable in the material of any of these courses may ask that a proficiency examination be administered. Such an examination will be equal in scope to that usually given at the end of the course. Candidates for the M.A. degree must have current proficiency in a language other than English; this may be native proficiency or the equivalent of the proficiency expected after three academic years of course work. In cases in which there is doubt about the currency or the degree of proficiency, formal language tests will be administered. An undergraduate background in linguistics, foreign languages, English, anthropology, psychology, mathematics, or philosophy is desirable though not required.

For the major, students are expected to take a minimum of 24 hours in linguistics including 2 courses at the 400-level (405, 408), 4 courses at the 500-level (505, 506a, 508, 550a or b), and 20 hours in an elective area. In the elective area the student has the option of an inside minor, which is an additional concentration exclusively on courses in linguistics, or an outside minor. The outside minor may be in a language area



(courses dealing with the structure, phonology, and history of individual languages or families of languages) or a related area (e.g. language learning, English as a foreign language, language and culture, instrumental phonetics, literary studies, including stylistics) in cooperation with other departments of the University.

At the end of their course work, students will take a comprehensive examination covering the areas of their concentration. This examination may not be taken more than twice.

A thesis is required for the M.A. in linguistics. The student, in consultation with his departmental academic adviser, will select a chairman and two other faculty members to serve as his thesis committee; the executive committee of the department must approve the structure of the thesis committee. The chairman is to be a member of the graduate faculty of the Department of Linguistics. One or both of the other committee members may be from outside the department. The topic of the thesis may come from the major field of linguistics, or from the area of the student's minor, with the stipulation that the topic be demonstrably related to the major in linguistics. In the latter case, the thesis committee may be cochaired by a faculty member outside of the Department of Linguistics.

The total credit requirement is a minimum of 49 quarter hours. Students are encouraged to attend the summer linguistic institute of the Linguistic Society of America; credit will be allowed for course work successfully completed.

### *Master of Arts Degree in English as a Foreign Language*

Applicants to the program in English as a foreign language, besides meeting the general conditions for admission to the Graduate School, must have an undergraduate average of at least 3.8 (on a 5.0 scale). An undergraduate background in any of the following fields is desirable: English, anthropology, foreign languages, philosophy, psychology, mathematics. Those applicants who have less than a 3.8 average or who have an undergraduate background other than those specified may be admitted only after consultation with the chairman of the program. Applicants who are not native speakers of English must meet the following additional requirements: undergraduate concentration, or the equivalent, in English language or literature; TOEFL examination score of at least 550. Deficiencies will be made up as necessary.

The curriculum is designed to give systematic work in both theoretical linguistics and applied linguistics (methodology of the teaching of English as a foreign language). For the major, students are expected to take the following courses or their equivalents: 32 hours of theoretical linguistics (401a, 401b, 402a, 403 or 405, 408, 415, 501, 508), 11 or 12 hours of applied linguistics (570, 571b, 572, and 573 or 580), and the remaining credit hours in a related elective, for a total of 48 hours. Students must maintain an average of *B* for the first 26 hours (approximately 2 quarters) of graduate work in order to qualify to take the written comprehensive examination required for the M.A. in English as a foreign language. This examination may not be taken more than twice. If the candidate does not qualify to take the comprehensive, or if he fails its twice, he will receive a certificate of attendance. A thesis is not required for the M.A. in English as a foreign language; the candidate must submit to the chairman a clean copy of a research paper (approved in one of his courses) for submission to the Graduate School. Although there is no formal language requirement



for the M.A. in English as a foreign language, all students without previous experience in a foreign language are strongly urged to study a language during their graduate work in the Department of Linguistics.

Mathematics

Acceptance for graduate study in mathematics and subsequent continuation in the graduate program are at the discretion of the Department of Mathematics, provided that the student has been admitted to the Graduate School and meets the retention standards of the Graduate School. No special program of previous work is required, and applicants with academic degrees in fields other than mathematics are accepted. However, in consultation with the department, a plan for remedying undergraduate deficiencies in mathematics will be arranged.

Graduate work in mathematics is offered leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees. Major or minor work for the Master of Science in Education degree and minor work for graduate degrees in other fields are also offered. In addition to the general rules, regulations, and requirements of the Graduate School, the following specific requirements pertain to the various degrees available with a major in mathematics. The department should be consulted for complete details.

Master of Arts Degree

1. Course work must include: Mathematics 501a,b,c; 520a,b,c; at least two quarters of one other 500-level sequence in mathematics. Graduate credit in mathematics must total at least 48 hours.
2. Demonstrated ability in reading mathematical literature in French, German, or Russian. This requirement may be met in any of the following ways: (1) by passing an examination given by the Educational Testing Service of Princeton, New Jersey; (2) by passing an examination given by the foreign language examining committee of the mathematics department; (3) by passing with a grade of *B* or better, the c part of the research tool course (in the language elected) offered by the Department of Foreign Languages.
3. A thesis carrying 5 to 9 hours credit in Mathematics 599.
4. Satisfactory performance on a written examination (usually given in the spring quarter) in the following areas: (1) real analysis (452a,b,c; 501a,b,c); (2) algebra (421a,b; 520a,b,c); one chosen by the student and represented by two quarters of one other 500-level sequence in mathematics.
5. Satisfactory performance in an oral examination over the thesis and such other material as the examining committee may feel is most appropriate.

Master of Science Degree

1. Graduate credit in mathematics must be at least 48 quarter hours, at least 24 of which must be at the 500-level, including at least one 500-level a,b,c sequence, unless a program including a minor concentration from another department is planned. Courses used in completing a minor concentration must be approved by the Department of Mathematics as well as by a representative of the department of the minor.
2. Any of the following (or equivalent) courses which have not been

included in a student's undergraduate work are to be included in his graduate program: Mathematics 419a,b; 421a,b; 433a,b; 452a,b,c; and one sequence from Mathematics 426a,b; 475a,b; 480a,b. Substitutes for any of the above sequences may be made provided they do not weaken the total program and are approved by the departmental graduate programs committee and graduate student adviser.

3. The student must satisfy the research tool requirement either by demonstrating ability in reading mathematical literature in French, German, or Russian or by completing a computer science requirement. The language requirement may be met in any of the following ways: (1) by passing an examination given by the Educational Testing Service of Princeton, New Jersey; (2) by passing an examination given by the foreign language examining committee of the mathematics department; (3) by passing with a grade of *B* or better, the c part of the research tool course (in the language elected) offered by the Department of Foreign Languages. The computer science requirement consists of the following: (1) having basic knowledge in computer programming equivalent to that covered in Computer Science 202, and (2) passing with grades of *B* or better 6 hours of computer science courses selected from Computer Science 302a,b; 403; 411; 470.

4. A research paper carrying 3 hours credit in Mathematics 595 or the successful completion of a four-quarter graduate seminar, carrying 4 hours credit.

5. Satisfactory performance on a written examination (usually given in the spring) on the following areas: 419a,b; 421a,b; 433a,b; 452a,b,c; and one 500-level a,b,c sequence or satisfactory performance on the Master of Arts written examination.

6. Satisfactory performance in an oral examination over the research paper and such other material as the examining committee may deem appropriate. No oral examination is required for those successfully completing the four-quarter seminar option.

### *Doctor of Philosophy Degree*

A student will be considered for acceptance into the Ph.D. program if he has demonstrated above average performance in graduate work comparable to that required for a master's degree at most American universities. Once accepted, the requirements are:

1. Satisfactory performance on a comprehensive examination in real analysis, algebra, and topology at a level commensurate with the courses 501a,b,c; 520a,b,c; 530a,b,c. This examination shall be given annually in September and will normally be taken in the September following the first year in the Ph.D. program.

During the summer preceding the fall examination, the students who must take the examination will be given the opportunity to register for three hours credit in each of Mathematics 595a,c,g corresponding to each of these areas. Each section will be assigned to a graduate faculty member who will be available to the student if the student encounters difficulties. (A student may obtain credit for such courses only once.)

2. Demonstrated reading competence in mathematics in two of the languages: French, German, Russian. Competence may be demonstrated in any of the following ways: (1) by passing an examination given by the Educational Testing Service of Princeton, New Jersey; (2) by passing an examination given by the foreign language examining committee of



the mathematics department; (3) by passing with a grade of *B* or better, the c part of the research tool course (in the language elected) offered by the Department of Foreign Languages.

3. Graduate course work (including dissertation credit) beyond that required for a master's degree must total 96 quarter hours of credit. The student should complete during his first year beyond the master's degree any of the courses 501, 520, 530, 555 not previously completed at SIUC or in an equivalent fashion at another institution. Course work must include 18 hours in one field (major) and 9 hours in two other fields (minors) from the following list: algebra; analysis; applied mathematics; differential equations; geometry; logic; number theory; probability and statistics; topology. The course work in the major and minor areas must be at the 500-level and be exclusive of the three quarter core sequences 501, 520, 530, 555.

4. Satisfactory performance on preliminary written and oral examinations on the student's major and minor areas. The written exam shall be only on the student's major area. The oral exam shall also be on the student's minor areas. A student may not take his preliminary examination until after he has completed the research tool requirement for the Ph.D. and has completed 36 hours beyond the master's degree requirement. The student should pass his preliminary examination by the end of the academic year following the academic year in which he passed his comprehensive examination.

5. A dissertation (representing at least 36 hours of credit in Mathematics 600) demonstrating the candidate's capacity for original and independent research in an area of concentration chosen from the following list: algebra; analysis; applied mathematics; differential equations; number theory; topology. This list is subject to change due to changes in the graduate faculty. The student is advised to contact the Department of Mathematics directly for a current list of dissertation areas. The candidate must pass an oral examination on his dissertation.

### Microbiology

Graduate courses in microbiology may be taken as a major or minor leading to the Master of Arts degree, or as a part of a biological sciences program leading to the Master of Arts, Master of Science, and Master of Science in Education degrees.

The Doctor of Philosophy degree in microbiology will be awarded to a candidate in recognition of achievement in independent research and in advanced studies. His original contribution to knowledge, evidenced in the dissertation, together with a superior comprehensive scholarship record and satisfactory completion of prescribed examinations are the criteria for the degree. Emphasis will be placed on his critical evaluation of, and familiarity with, the existent developments in microbiology and related areas of study.

The Department of Microbiology offers facilities for research in microbial genetics, cytology, radiation biology, physiology and biochemistry of microorganisms, medical microbiology, immunology, and virology. In addition to the library facilities, reprint collections covering many topics in microbiology are available for student use.

To be eligible for the Doctor of Philosophy degree, the student must satisfy the following requirements: (1) He must complete at least 144

hours of graduate work and research. Credit for research may not exceed 60 of the 144 hours; (2) He must demonstrate his proficiency in statistics and his ability to read, with reasonable facility, scientific literature in one modern language; (3) He must pass the qualifying examination and a final oral examination; and (4) He must submit an approved dissertation based on his research.

A minor may be elected as part of a doctoral program in microbiology, subject to approval of the department, from courses in any program which constitute a major for the master's degree. A minor in microbiology for the doctorate in another biological science consists of general microbiology and 20 hours selected from courses offered by the department.

### **Molecular Science**

Graduate work in molecular science may be taken as a major or minor leading to the Doctor of Philosophy degree. This program, an interdisciplinary program with a core in theoretical and applied physics, presently includes research in the areas of atomic-molecular physics, biophysics, crystallography, geochemistry, materials science, mathematical physics, molecular genetics, nuclear physics, and solid-state physics. It affords the student a unique opportunity to work with the research faculty and facilities in related areas throughout the University and to specialize, if he chooses, in problems embracing several academic disciplines. A molecular science committee appointed by the dean of the Graduate School from eligible graduate faculty members of the various interdisciplinary areas is a continuing body for overseeing and evaluating the program. The chairman of the Department of Physics administers the program, subject to the policies set forth by the molecular science committee, the Graduate Council, and the dean of the Graduate School.

In addition to the general rules, regulations, and requirements of the graduate school, the following specific requirements pertain to the Doctor of Philosophy degree in molecular science:

#### *Admission to the Program*

1. A master's degree or equivalent from any area of the physical and life sciences, engineering, or mathematics is required for admission to the program.

2. Competence in French, German, or Russian, as demonstrated by passing the ETS Graduate Foreign Language examination is required for admission to the program. Another language, highly pertinent to a particular research area, may be substituted if a formal petition is approved by the molecular science committee. Passing scores on the ETS exams are determined by the molecular science committee.

#### *Admission to Candidacy*

1. Passage of a preliminary examination, both written and oral, in the four core areas of theoretical and applied mechanics, theoretical and applied electrodynamics, quantum theory, and statistical physics, and in one specialty area selected by the student.

2. Demonstrated competence in a second research tool. This may be accomplished through an ETS examination in a foreign language, or by satisfactory demonstration of proficiency in statistics or computer science.



### *Dissertation*

1. A dissertation and its defense with distinction before a committee. The Administrator of the molecular science program should be consulted for complete details.

### **Music**

The School of Music offers degree programs leading to the Master of Music degree and to the Master of Music Education degree. In addition, a student enrolled in a program leading to a Ph.D. in Education, with a concentration in secondary education, may select the elective portion of his program from the graduate courses offered in the School of Music.

#### *Master of Music Degree*

Specializations are available in 1) Music History and Literature, 2) Music Theory and Composition, 3) Applied Music and 4) Opera-Music Theatre.

#### *History-Literature and Theory-Composition*

The history-literature and the theory-composition majors must complete Music 501-3, 18 hours in their major field including Music 502-6 (2,2,2), 599-9, and 12 hours of music electives to make a total of 48 hours with a minimum of 24 hours at the 500 level. Those majoring in history-literature may substitute two literature courses for two quarters of Music 502. Music 545-6 (3,3) is required of theory-composition majors.

#### *Applied Music*

Applied music majors are required to schedule Music 501-3, 502-6 (2,2,2), 598-6 (recital), 595 (1-9) music document, 12 hours of their principal applied field at the 500 level (4 hours per quarter), and 18 hours of music electives to make a total of 48 hours, with a minimum of 24 hours at the 500 level. Two literature courses may be substituted for two quarters of Music 502. The acceptability of the recital given by the applied major in music will be determined by a committee of three faculty—the major applied teacher and two other qualified faculty members approved by the coordinator of graduate studies.

Prior to admission, an applied major may audition in person to attain unconditional admission to the degree program, or to obtain conditional admission to the program, submit a tape recording of his performance. Those submitting tapes may be asked to appear for regular audition to attain unconditional status during his first quarter in residence. Until unconditional status is attained, he may be required to schedule applied music only at the 400 level. For detailed procedures, refer to the pamphlet of the particular area available from the coordinator of graduate studies in music.

#### *Opera-Music Theater*

Opera-music theater majors must have an undergraduate degree with appropriate experience in opera or music theatre, or in theatre with additional music study sufficient to qualify in performance, theory, and history of music. Required courses are Music 501-3; 568-6 (opera-theater project) or 598-6 (recital), each accompanied by 595-3 (music document); or



599-9 (thesis). The student must choose a minimum of 22 hours from Music 440Q, 540Q (2-12), 468 (6-12, 3 quarters), 512-3, 556 (2-6), 499 (1-3) special project in opera-music theater, and 8 hours from Theater 402A,B-8, 404-4, 409-4, 412-4, 414-4, 417-4, 432-4, 502-4 to make a total of 48 hours, a minimum of 24 hours at the 500 level.

### *Master of Music Education Degree*

Music education majors must schedule Music 501-3, 503-3, and 599-9 or the equivalent in courses involving a terminal research paper. The requirements include 12 hours in music education, 9 hours in music theory or history-literature, two quarters participation in a performing ensemble, and electives to make a total of 48 hours, a minimum of 24 hours at the 500 level. A maximum of eight hours may be elected for the degree in appropriate fields outside the area of music. Permission must be secured in advance for the selection of these courses from the coordinator of graduate studies in music. A maximum of 12 hours (2 per quarter) in applied music and composition count toward the degree. Of these, 4 hours may be in applied music at the 400 level in other than the student's principal applied field. If the student lacks sufficient skill to elect applied music at the 400 level, he may register for teaching techniques and materials (Music 461 and 462).

### *General Information*

Fees are not charged for individual instruction, practice rooms, or instrument lockers. Instruments are loaned where necessary, without charge. However, certain costs are involved in the purchase of music literature and other incidental supplies used in the various phases of instruction. These costs usually range from \$5.00 to \$15.00 per quarter, exclusive of textbooks.

### *Qualifying Examinations*

Qualifying examinations, used to validate minimum standards in undergraduate theory and music history-literature, will be administered at the beginning of the Fall and Summer quarters and must be taken at the first opportunity after admission. Those passing the examinations may enroll without further conditions. If an examination is not passed, enrollment is limited to 400 level courses in that area until prescribed remedial work has been completed. Such remedial work may not be applied as hours toward the degree requirements. Failure to take these examinations automatically precludes enrollment in any 500 level course in theory or history-literature.

### *The Thesis, Document, and Research Paper*

The Master of Music students (except in applied music) will write a thesis or, in the case of theory-composition majors, an original composition and document. If possible, a reading of the thesis-composition should be tape-recorded; if this should be impractical, another of his compositions shall be substituted illustrating his capabilities in composition. In either case, the tape recording and written manuscript must be filed with the Graduate School. A major professor and a minor professor will be assigned for all Master of Music candidates by the coordinator of graduate studies. In lieu of a thesis, students majoring in applied music will submit a music document for work on which a minimum of three quarters hours

credit must be earned. A major professor will be appointed; a minor professor may be appointed by the coordinator of graduate studies in music if it seems appropriate. Before extensive work is done on the thesis or document, the student should submit, on a form available in the music graduate office, his proposed title and organization, along with a bibliography of material available, to the coordinator of graduate studies in music for approval by the graduate committee. A statement by the major professor should be made on this application form indicating his reactions to the proposal and its acceptability. Although the Master of Music Education degree does not require a thesis, the student may elect to write one, in which case procedures required of others writing a thesis shall apply; he will enroll in Music 599 for nine hours credit. Those students working towards the Master of Music Education degree, if they do not elect to write a thesis, must complete 9 hours of course work, including research terminating with a paper or papers following thesis style. The research paper may be one done in connection with a graduate course which displays the student's capabilities of acceptable research techniques and reporting. Candidates must consult with the coordinator of graduate studies in music who will ascertain the acceptability of the paper. The research paper requirements for the Master of Music degree in opera-music theater will be satisfied as described under the appropriate areas in the preceding paragraphs. Music 595-9 (a project and a document) will be treated in the same manner as a recital and a music document. Two copies of a thesis (the original and first copy) will be deposited with the Graduate School, one copy with the graduate music office and one copy retained by the student. Copies of these papers may be carbons or clear, acceptable Xerox reproductions. Final approval of all theses, documents, compositions, and research papers is given by the coordinator of graduate studies in music.

Guidelines for preparing a thesis are available from the Graduate School Office. All copies of the theses, documents and research papers are to be turned in to the music graduate office not later than two weeks before the student's scheduled oral examinations. The graduate music office will submit the appropriate copies of the papers to the Graduate School.

### *Comprehensive Examinations*

During the terminal quarter, after all proficiency examinations have been passed, the student will be given comprehensive examinations, written and oral, dealing with the general areas of music and his specialization and, when appropriate, his thesis or document. These examinations must be completed not later than three weeks before the graduation date. It should be noted that application for the comprehensive examinations may not be made until all other requirements, with the exception of terminal quarter courses for the degree, have been satisfied. The student may request faculty members who he feels are in a position to know his area and strengths. The orals committee is appointed at this time by the coordinator of graduate studies in music and will be composed of three or more faculty members representing the student's principal areas of concentration. If the student has scheduled six or more hours in a department other than music, a member of this department will be invited to serve on the examining committee. Application for the comprehensive examinations must be made not later than six weeks before the date of graduation.



### **Occupational Education**

Students may pursue the Master of Science in Education degree—48 quarter hours, including 5 to 9 hours of research paper—or the Master of Science degree with a major in occupational education, 48 quarter hours, including 5 to 9 hours of thesis (Occupational Education 599.)

Programs of study are developed by the student and his adviser depending upon deficiencies, interests, and career goals. Programs are flexible, and course work may be done in other units of the University. The student is advised to prepare for one major area of concentration; no minor is required. Some areas of concentration are: teacher of enterprise: man and technology (formerly industrial arts); teacher of industrial oriented health, or personal and public service occupations; coordinator of cooperative occupational education; and supervisor, director, or administrator of secondary, area vocational, community junior college, or other vocational-technical or occupational educational programs. Forty-eight hours are required. Required courses are 485-3, 500A-4, 540-4, and 541-4.

Students with bachelor's degrees in education, science, technology, or other specialties may qualify for advanced study which involves technical subjects, study in work situations and educational institutions, and internship in teaching or other professional assignments.

A student enrolled in the program leading to a Ph.D. in Education, with a concentration in secondary education, may select the elective portion of his program from the graduate courses offered in the Department of Occupational Education.

One-half or one-quarter time teaching or research assistantships, and fellowships are available to qualified applicants. Additional information about programs, courses, assistantships, and fellowships may be obtained from the chairman of the Department of Occupational Education.

### **Philosophy**

The Department of Philosophy offers graduate work leading to the Master of Arts and Doctor of Philosophy degrees. Graduate courses in philosophy may be used also as a minor in programs leading to the Master of Arts or Master of Science in Education degrees. Students who do not plan to continue work in philosophy beyond the master's level are encouraged to elect a graduate minor or to combine philosophy with another subject in a 60-hour double major.

The department expects an applicant for admission to its graduate program to have had at least 24 hours' work in philosophy or closely related theoretical subjects, including at least one quarter in ethics, one in logic, and a year in the history of philosophy. The department may waive a portion of this credit requirement in favor of maturity and of quality and breadth of academic experience. The applicant will be required to make up serious background deficiencies by taking appropriate undergraduate philosophy courses without credit.

The applicant should request three individuals familiar with his work to send letters of recommendation to the director of graduate studies of the department.

For admission to the graduate program native English speaking applicants should submit with their application scores for the Graduate Record



Examination Verbal and Quantitative Aptitude Tests. Doctoral applicants should also submit scores on the GRE Advanced Test in philosophy. The department may, where other evidence of competence seems so to warrant, accept a candidate upon the condition that he later submit acceptable scores.

Each new graduate student in the program is required to demonstrate competence in formal logic during his first year in residence either through appropriate course work or by passing with a grade of *B* or better an examination equivalent to the Philosophy 320 final suitably supplemented with additional materials on Aristotelian logic.

The Department of Philosophy requires the candidate for a master's degree to present a thesis, for which 9 hours of credit are allowed, and to complete a minimum of 39 additional hours of course work. He must pass two examinations: a written examination covering the nature and proffered solutions to the persistent problems of philosophy as dealt with by major philosophers from Thales to the present and an oral examination devoted chiefly to the thesis. In the written examination emphasis will be placed on such classical figures as Plato, Aristotle, Descartes, Spinoza, and Kant, but the student will be expected to answer questions involving at least two recent philosophers, one of whom will be an American.

A reading knowledge of one foreign language, usually French or German, must be demonstrated by passing the Doctor of Philosophy proficiency examination in that language, or by passing the appropriate 288c foreign language course with a grade of *B* or better.

At the time of his acceptance in the program the student will be assigned an advisory committee who will help him plan a program of study designed to prepare him for admission to candidacy. After the student has accumulated at least 36 hours of credit beyond the master's degree, and before he begins work on the dissertation, he must take a written preliminary examination on the thought of one major figure in the history of philosophy and in the following four areas: history of philosophy; logic, methodology, and philosophy of science; metaphysics and theory of knowledge; and value studies.

Before he is allowed to take the preliminary examination the student must have met the research tool requirement in one of the following ways; (1) demonstrating a reading knowledge of two foreign languages by examination or by passing the appropriate 288c language course with a grade of *B* or better; (2) showing an appropriately higher proficiency in one language; or (3) demonstrating a reading knowledge of one foreign language and completing satisfactorily two or more courses at the graduate level in an outside area as approved by the student's committee.

After he has passed his language examinations and the preliminary examination and has completed 48 hours of work beyond the master's degree, the student is admitted to candidacy and assigned a doctoral dissertation committee which will supervise the research and writing leading to the dissertation. After the dissertation has been accepted by the committee, the student is given an oral examination on the dissertation and related topics.

The department has available each year a number of assistantships for qualified graduate students. Applications for these assistantships should be sent to the department before February 1 of the academic year preceding that for which the application is made. All graduate students in

philosophy are expected to have some supervised experience in teaching elementary work in the field, either through the regular assistantships or through special assignments.

### **Physical Education**

Graduate courses in physical education may be taken as a major or minor toward the Master of Science in Education degree or the Doctor of Philosophy degree in education. The number of hours required in physical education at the master's level is 32 for a major or 16 for a minor. The total number of hours required for the master's degree is a minimum of 48 quarter hours.

#### *Master's Degree*

The departmental requirements for unconditional admission as a master's degree candidate are:

1. Fulfillment of the requirements for admission to the Graduate School.
2. Presentation of at least the equivalent of an undergraduate minor (preferably a major) in physical education.
3. Presentation of at least one undergraduate course in kinesiology and at least one in educational psychology or psychology of the particular field of the student's specialty.
4. Possession of the ability to teach and demonstrate an acceptable variety of skills and techniques in physical education activity.

A student may be conditionally admitted to the program and may be permitted to do graduate course work while he removes deficiencies.

Requests for transfer of credits from other institutions will be considered by the department only before the completion of the first quarter of enrollment.

#### *Minor*

Students with a major in a related area may take a minor in physical education. This consists of 16 hours chosen from one of the areas of concentration in consultation with a physical education adviser.

#### *Requirements*

The Department of Physical Education offers programs in several areas. Core courses common to all specialties are P.E. 500, 503, and either 504 or 599. The courses are designed to provide common experiences to all students regardless of their specialization. For 599 five copies of the thesis must be bound. Two copies are deposited with the graduate school and two are deposited with the department.

#### *Area of Specializations*

##### **1. The Experimental Physical Education Program**

This program is intended to prepare students to enter advanced study and to perform scholarly research which emphasizes depth in a selected science. A student, in conference with his adviser, designs a program which satisfies his special interest.

##### **2. The Professional Physical Education Program**

This program is designed to develop a high level of competency in teaching physical education in colleges, secondary, and elementary schools.



The student, in conference with his adviser, designs a program which satisfies his special interest.

### 3. The Applied Physical Education Program

The purpose of this program is to prepare coaches of athletic teams to (1) increase their knowledge of fundamental principles which are basic to the coaching and administration of athletics and (2) to develop a broad perspective of the role of athletics in the total educational environment.

## Physics

Graduate work in physics may be taken leading to the Master of Arts and Master of Science degrees, and the Doctor of Philosophy in molecular science. Graduate courses in physics may also be taken as part of a physical sciences program toward the Master of Science in Education degree.

In addition to the general requirements of the Graduate School there are other specific requirements for the master's degrees in physics as follows:

The following courses are specifically required for both M.A. and M.S. degrees: Physics 511 (or mathematics equivalent), Physics 510 (a and b only), and Physics 530.

### *Master of Arts Degree*

This program is designed primarily for those entering the molecular science Ph.D. program. The M.A. degree is not a requirement of the molecular science Ph.D. but may be taken if desired by the student. A reading knowledge is required in French, German, or Russian as demonstrated by passing one of the Educational Testing Service's Graduate Foreign Language Examinations, administered by the University Counseling and Testing Center once each quarter. The M.A. in physics will be granted on the basis of a research paper and 33 quarter hours of course work at the 500 level. Each candidate for an M.A. degree is required to pass an examination, written or oral or both, covering his graduate work including the research paper. This examination is given by the student's advisory committee.

### *Master of Science Degree*

This program is specifically designed for those who wish a professional degree and do not plan to continue beyond the master's level. A reading knowledge of a foreign language or demonstrated competence of computer skill is required. This requirement can be met by passing one of the Educational Testing Service's Graduate Foreign Language Examinations (administered by the University Counseling and Testing Center once each quarter, in the case of language), or a similar examination for testing computer skill. English can be substituted for either of the above requirements at the discretion of the graduate advisor provided it is not the native tongue of the candidate. A thesis is required, based upon not more than nine or less than five quarter hours of 599 level effort. This may be included in the minimum 24 hour requirement of course work at the 500 level as stated in this catalog. This should be distributed preferably over several quarters of enrollment. Each candidate for an M.S. degree is required to pass an examination, written or oral or both, cover-



ing his graduate work including the thesis. This examination is given by the student's advisory committee.

### *Doctor of Philosophy Degree*

The doctoral program is within a University-wide framework of molecular science with a core in theoretical and applied physics. See molecular science description for specific details. The physics program is a flexible one, designed to give the student a background in depth in the general principles and techniques of modern physical theory and at the same time to satisfy his individual interests and needs. Properly qualified graduate students from the areas of the physical sciences, life sciences, engineering, and mathematics are invited to apply for advanced study where the student's interests may be interdisciplinary with physics; e.g., biophysics, chemical physics, geophysics, materials science, and mathematical physics. One research emphasis in the department is in the general field of molecular physics; dissertation topics in this field include studies of motional, structural, electrical, and magnetic properties encountered in liquid, surface, and large molecule physics. Theoretical research in such areas as electromagnetic theory, thermodynamics, statistical, and quantum mechanics is being tempered to a considerable degree by the directions taken in the experimental aspects of the molecular science program.

### **Physiology**

Graduate training in physiology may be taken leading to the Master of Arts and Doctor of Philosophy degrees. Graduate courses in physiology are also applicable to the Master of Science degree program in biological sciences and to the Master of Science in Education degree (biological sciences).

The Department of Physiology at SIU at Carbondale is a broad one, including competence in the teaching of mammalian physiology, cellular and comparative physiology, anatomy and histology, pharmacology and endocrinology, biophysics and bioengineering, biomathematics and biomedical computing, and medical electronics. This extraordinary breadth of competence means that the department is prepared to make special arrangements for interdisciplinary graduate training programs for individual students. All graduate student programs are arranged to provide a basic knowledge of the field of physiology, after which each student specializes in some particular area of study.

Each student is expected to select a major adviser early in his graduate training, after which an advisory committee will be appointed which will help him plan his entire program and supervise his progress. Regular checks of progress are made to ensure quality of the training.

Admission to the master's degree program in physiology usually requires the equivalent of an undergraduate degree in a biological science, plus inorganic and organic chemistry, at least one year of college physics, and one year of college mathematics. However, students with majors in related areas, such as chemistry, physics, mathematics, psychology, engineering, etc., are encouraged to apply to the program, and special programs can be set up for such students.

Requirements for completion of the master's degree program include a minimum of 48 quarter hours of graduate credit, which must include enough didactic courses to ensure an adequate academic foundation in

physiology. A maximum of 16 quarter hours of graduate credit earned at other institutions may be transferred toward the 48-quarter-hour requirement. A minor is not required for the master's degree, but may be taken if the student's advisory committee thinks it is in order. Some specific research tools (e.g., statistics or computer science) are expected to be part of every student's training program. For the completion of the master's degree requirements the student must perform a competent research task and write a thesis on this research, and must pass an examination (written or oral) administered by his advisory committee.

Requirements for admission to the doctor's degree program in physiology are essentially similar to those for admission to the Master's degree program, with the addition that acceptable courses in physical chemistry, calculus, and statistics are deemed essential. Students with their training in other fields can usually obtain the requisite biological training in the course of their program, and are encouraged to consider the physiology program.

Doctoral students are expected to attain competence in at least two research tools appropriate to the field of physiology.

Students in the doctor's degree program in physiology will be required to pass a written examination on the entire field of physiology and on the area of specialization before they are admitted to candidacy for the degree. To complete the requirements for the doctor's degree, the student must perform research which makes a significant contribution to knowledge in the field and to report this research in an acceptable dissertation. This research is expected to be of sufficient quality to merit publication in a major journal of the field. An oral examination over the topic of the dissertation and over the subject matter of the discipline of physiology is required to complete requirements for the doctoral degree.

The student entering the doctor's degree program in physiology can expect to spend a minimum of three years of training beyond the bachelor's degree or a minimum of two years beyond the master's degree.

The Department of Physiology has a close working relationship with the School of Medicine, and there are numerous opportunities for graduate training and research in clinical areas. Physicians and nurses, medical technicians, and other paramedical personnel are encouraged to consider graduate training in physiology in expanding their career capabilities.

**Plant Industries**

The department offers the Master of Science degree with specialization in the areas of crop science, soil science, and horticultural science. Requirements for admission are the same as for the Graduate School, but students with a bachelor's degree in other fields will be required to meet the department's undergraduate requirements.

The Master of Science degree requires a minimum of 48 quarter hours. There is no foreign language requirement. A thesis is ordinarily required, but a student may elect a nonthesis option with the approval of his committee.

It is customary to require supporting courses in botany, microbiology, chemistry, statistics, and other areas essential to a problem in the student's chosen field and to prepare him for acceptance for the Doctor of Philosophy degree if he has that potential. Once the general field has been selected, the research and thesis may be completed in any one of the



many divisions of that field. In horticulture, for example, the research and thesis may be in vegetables, tree-fruits, small-fruits, ornamental plants, or turf management; in soils, the problem may relate to fertility, soil physics, soil microbiology, soil chemistry, or soil and water conservation; in field crops, the problem may be directed toward crop production and management, weeds and pest control, or plant breeding and genetics. Often two of these more restricted areas can be combined in one problem. A final oral examination is required covering both the student's course work and his thesis problem.

For additional information about the program or graduate assistantships in the department; contact the department's graduate adviser, Room 176, Agriculture Building.

### **Psychology**

The Department of Psychology offers graduate work leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees in the following areas: experimental, clinical, and counseling psychology. The primary emphasis is on doctoral training, for which the master's degree is a prerequisite.

The goal of graduate study in the Department of Psychology at Southern Illinois University at Carbondale is to develop psychologists who will have a broad perspective and scientific sophistication as well as the requisite skills to advance the field of psychology and meet changing needs. The program emphasizes formal course work in the core curriculum and specializations; and preprofessional activities in training assignments and in research and practicum opportunities.

#### *Admission and Advisement*

Separate application forms must be submitted to the Department of Psychology and to the Graduate School. Graduate School application forms may be obtained from the Graduate School office, and departmental application forms may be obtained from the Department of Psychology. Students will be accepted for graduate work in psychology only upon approval by the departmental admissions committee as well as the Graduate School. Evaluations of applicants by the departmental admissions committee are based on information from the application form, GRE scores, transcripts, and letters of recommendation.

Upon admission to the department, each student is assigned to a faculty adviser, who assists him in academic matters, including the planning of his entire program of study: required courses, planned electives, anticipated dates for fulfillment of specified requirements, etc. Upon formation of the thesis or dissertation committee, the chairman of that committee automatically becomes the student's academic adviser.

#### *Core Curriculum*

During the first year all students are required to take a three course sequence in quantitative methods and research design (522a,b, and c or the equivalent). By the end of the second year all entering B.A. students should have completed the thesis requirement (599, 5-9 hours). Six additional elective courses in areas other than the major are required in order to provide breadth as well as some degree of depth in the total field of psychology. In consultation with his adviser, the student may select his



electives from any form of the following specialty areas, subject to the approval of the faculty teaching in those areas: physiological, sensation perception, learning, personality, social, developmental, quantitative, or any other area in the department or an approved area outside the department. The student should take these electives early in his tenure to facilitate the integration of his major and minor areas. All core requirements should be completed by the end of the ninth quarter of residence.

### *Areas of Specialization*

#### EXPERIMENTAL PSYCHOLOGY

The specialization in experimental psychology offers a broad academic course of advanced study, primarily for students working towards careers in teaching and research. While the student may select courses from several areas, he is expected to concentrate in at least one area of experimental psychology: learning, sensory processes, social, developmental, physiological, personality, quantitative. The following courses are required: 509, 510, 526, a seminar in procedures and problems in clinical psychology, and a course in computer programming. The student is also required to take research credit during all but the first three quarters of residence.

#### CLINICAL PSYCHOLOGY

The clinical psychology program, approved by the education and training board of the American Psychological Association, is designed to develop clinical psychologists for careers in clinical service, teaching, and research. All clinical students take the core of courses and receive early and continued practicum training in both clinical activities and research. Individual interests are accommodated through electives and training assignments, or through a specialty program in experimental clinical or child clinical. The following courses are required of all clinical students: 523, 530, 537, 541, 593E, 598. In addition to the clinical core: (1) general clinical students are required to take 531, 543a and b, and additional hours of 593e; (2) the experimental clinical students are required to take 509; at least four courses that are experimental or research oriented, e.g. 532; and at least two clinical skills courses, e.g. 545; (3) Students in the child-clinical specialty are required to take 451, a seminar in psychopathology of childhood, 552, 554, 556, and 593J.

#### COUNSELING PSYCHOLOGY

The counseling psychology program, approved by the education and training board of the American Psychological Association, is designed to teach students a wide range of skills which will be most useful in a university setting, either in an academic department or a counseling center. Students may also be prepared for positions in hospitals, community agencies, and educational and correctional institutions. The student is expected to develop competence in counseling, psychological assessment, consultation, research, and teaching. The required courses are as follows: 530, 536, 537, 541, 593F, and 598. In addition, the following electives are recommended: 531, 532, 533, 538, 539, 543, 545, 593F, and 595.

### *Research, Practicum, and Training Assignments*

Research or practica are required in each area of specialization. In addition, each term the student must be engaged in a training assignment

which supplements formal course work by professional activities such as research, teaching, or clinical service. The assignment varies according to the needs, professional goals, and competencies of the student, and increases in responsibility as he progresses. The assignments require from 10 to 20 hours of service per week.

### *Master's Degree Requirements*

Each candidate for the master's degree is required to complete a thesis. A student will ordinarily require two years to complete the master's degree. The master's degree requires a minimum of 72 quarter hours of acceptable graduate credit, distributed according to the requirements of the student's major area.

### *Doctoral Requirements*

#### ADMISSION

Admission to the Ph.D. program requires a master's degree, a grade point average of 4.25 or above in graduate studies, and acceptance by the department. A student who receives his master's degree from SIU at Carbondale must apply formally to the Graduate School for admission to doctoral-level study.

Records of students entering the program with a master's degree from another institution are evaluated by the departmental admissions committee which notes deficiencies, recommends methods for removing them, and specifies a time limit to do so. Such deficiencies must be removed before the student can be classified as a Ph.D. candidate. The student is recommended to the graduate dean for admission to Ph.D. candidacy only when he has completed the statistics sequence, and all of the preliminary examinations.

### *Internship*

Doctoral students who are majoring in clinical or counseling psychology must complete an approved internship: 48 weeks for the clinical student, and the equivalent of nine months for the counseling student. The student may take his internship at any time after the completion of his M.A., and he will be approved for internship only if his master's thesis prospectus has been approved by his committee by the end of the fall quarter prior to his beginning his internship. If the student postpones his internship until the completion of all his academic work, the Ph.D. will be awarded after the completion of the internship.

The student is responsible, in consultation with his adviser, for scheduling and obtaining his internship. Unless an exception has been approved by the clinical counseling committee, the internship will be with an APA approved internship agency.

### *Preliminary Examinations*

These written preliminary examinations consist of a six-hour major exam and a four-hour minor exam, both composed primarily of essay questions that require substantive knowledge of experimental and theoretical topics. Questions are not limited to course content. The examinations are designed to ensure the breadth and depth in the student's training, encourage him to organize and integrate his knowledge, and inform the faculty as to the student's competence.



Every student is expected to pass each examination the first time it is taken. In any event, the student will not be permitted to take either the minor or the major exam more than twice.

### *Minors*

The examining committee shall consist of at least two faculty members, one of whom will be designated as chairman. After preliminary discussion of a topic area with his proposed committee chairman and potential committee members, the student must meet with the director of his major area and present for final approval his request for the topic area and his examining committee (including additional examiners if appropriate, and alternate readers).

The student must meet with his committee at least ten weeks prior to the examination in order to agree upon topics to be covered by the examination and to decide what additional preparation is necessary to assure his adequately prepared action. Any changes in topic area or composition of the committee must be approved by the director of his major area. Should the student fail an examination, there is the option of forming a different committee to administer the second examination subject to all the rules stated above.

### *Major*

Fields of specialization for the preliminary examination in the major are listed below:

*Experimental* Any one field from the following may be selected for the examination in the major area of Experimental: physiological, sensation-perception, learning, personality, social, developmental, quantitative, cognitive.

*Clinical* The major examination includes the following: psychological assessment, psycho-therapy, psychopathology, and personality. Students in general-clinical and in specialized areas, e.g., experimental-clinical are given examinations with different emphases.

*Counseling* The major examination includes two fields: (a) counseling, and (b) psychological evaluation.

### DISSERTATION

The student may not register for dissertation credit before he has passed his minor examination and is in preparation for his major examination to be taken within the same quarter or the next time preliminary examinations are given. He may register for a maximum of 12 hours of dissertation credit before passing the preliminary examinations. A student may not hold a prospectus meeting before he has successfully completed both his minor and major examinations.

### *Thesis and Dissertations*

Master's research may either be an original study or a replication of an important study. A dissertation should be an original and significant contribution to the science of psychology.

### THESIS AND DISSERTATION COMMITTEE

After having contacted a prospective chairman for his thesis, and having discussed with him the proposed research and the composition of the



committee, the student meets with the chairman of the department to obtain formal approval. The chairman of the department approves or modifies the composition of the committee.

A master's thesis committee consists of three members, including the chairman of the committee and a psychology faculty member who is typically from some field other than the student's major area of interest. The Ph.D. dissertation committee consists of five members, one of whom serves as chairman. One of the members must be from a department other than psychology.

#### PROSPECTUS

Prior to starting the experimental research on a thesis or dissertation, a student must submit a written prospectus to each member of his committee. A carefully written prospectus ordinarily serves as the opening chapters of the thesis or dissertation. The student also prepares an abstract (normally no more than two pages) for distribution to psychology faculty one week before his prospectus meeting. The approval of the prospectus indicates that the committee members accept the research design. Faculty members not on the committee may attend the prospectus meeting, or may forward suggestions and comments to the committee chairman prior to the meeting. Prospectus meetings are not scheduled during the recess period between quarters.

If the prospectus is approved with no major modifications, two copies of the prospectus and a letter of approval, noting any minor modifications are sent by the committee chairman to the department chairman for filing in the student's permanent records. If major modifications are needed, the student may be asked to rewrite the prospectus, circulate the revised prospectus, arrange another committee meeting, and then file the revised prospectus as above. A prospectus must be approved at least one quarter before graduation.

#### STYLE

The student has the option of writing his thesis or dissertation in the traditional fashion or in journal style. In the latter case, ancillary material (full survey of literature, subsidiary analyses, etc.) are placed in the appendices, although figures and tables appear in the text. The psychology department prefers that citations, table headings, etc. follow the APA style (Publication Manual of the American Psychological Association, 1967 revision, Washington D.C.).

#### GENERAL PROCEDURES

A student should not register for 599 or 600 hours until he has a supervisor and will actually be using university facilities, or faculty time for assistance and direction. He must register each quarter that he will be using university facilities or faculty time, whether or not he is in residence.

Prior to graduation (a minimum of five weeks for master's students and eight weeks for doctoral students) the candidate must submit a final rough draft of his thesis or dissertation to his full committee so that appropriate suggestions can be made. At least one week usually expires between the submission of the rough draft and the oral examination.

#### NUMBER OF COPIES

Four copies of the complete thesis or dissertation are required: two copies

are submitted to the Graduate School for placement in the University library, and two bound copies—one for the committee chairman, and one for the departmental thesis and dissertation library.

#### ORAL EXAMINATION

The Department of Psychology requires an oral examination, conducted by the student's thesis or dissertation committee, for each M.A. and Ph.D. candidate. The examination covers the thesis or dissertation and also includes questions designed to ascertain the student's general competence in Psychology.

Oral examinations are open to all interested observers. Notices of the time and place of the examination, and abstracts of the thesis or dissertation, are circulated throughout the department and, in the case of Ph.D. examinations, throughout the university. Two copies of the abstract should be given to the graduate program secretary.

The candidate obtains copies of the oral examination form and the thesis or dissertation evaluation form from the graduate program secretary, and delivers them to his committee members on the day of his orals.

#### *General Information*

##### WAIVING OF COURSE REQUIREMENTS

The student who wishes to have a course waived should consult with his adviser. If the adviser agrees, the student submits a written petition to his major area committee, which decides how proficiency in the course will be determined.

##### GRADING POLICIES

Any student who receives a grade of *INC* is responsible for contacting the instructor to determine the time allowed for the completion of the course (normally not more than one year). If the course is not completed within the time limit, the *INC* is regarded by the department as indicating unsatisfactory performance in the course.

For internal records to be used within the department only, plusses and minuses are added to the standard *A*, *B*, *C* grades reported to the registrar.

##### STUDENT EVALUATION

All students are evaluated by the faculty at least once a year, at the end of Spring Quarter. In addition, new students are evaluated in the beginning of the Winter Quarter (first year), and students on probation at times specified in their probation. The evaluation is based on the following criteria: (1) academic performance on a ten point rating scale (*A+* = 10); (2) ratings on the training assignment, and (3) progress toward the degree. The student's evaluation may also be based upon evidence concerning professional attitudes or ethical behavior. For new students, achievement in courses taken primarily by first year students is one important criterion for determining whether a student shall be permitted to continue in the program.

Each student's adviser informs him of his evaluation and of any faculty recommendations as soon as possible after the meeting. In addition, the department chairman writes a formal letter notifying the student of his evaluation and recommendations.



### **Recreation and Outdoor Education**

The Department of Recreation and Outdoor Education offers a broad interdisciplinary program of studies preparing students for administrative careers in (1) leisure education and recreation management, or (2) environmental and outdoor education. The program leads to the Master of Science in Education degree.

Requirements for admission imposed by the department are in addition to those of the Graduate School. The department will ordinarily accept as candidates for the master's degree only those applicants who: (1) have graduated from an accredited four year college or university; (2) have an undergraduate degree in recreation or an allied field; (3) have a 3.7 (5-point scale) over-all grade point average, or alternatively, a 3.9 over-all for the last two years of undergraduate work; (4) have a 4.0 over-all average in recreation or an allied field; and (5) final acceptance will be decided by the graduate faculty.

Applicants who do not meet these minimal requirements or their equivalent, but do meet the minimum standards of the Graduate School, can be considered for acceptance only on petition to the department's graduate studies committee, which, if granted, will be accompanied by a statement specifying the special conditions or requirements of admission.

The requirements may include four letters of recommendation as designated by the graduate faculty, a written examination, and other evaluative data as determined by such faculty.

A minimum of 48 quarter hours of credit, no more than 5 of which may be for the thesis, constitutes the basic course requirements for the Master of Science in Education degree. At least 33 of these hours must be at the 500 level.

A student must maintain an overall 4.0 (5-point scale) grade point average in order to be eligible for the Master of Science in Education degree.

An advisory committee is chosen for each student. All elements of the student's program must receive the approval of this committee. A thesis or research paper is required for the Master of Science in Education degree, the topic of which is chosen in consultation with the adviser at the earliest practical time.

The final oral examination will cover the thesis or research paper and the major area in which it was written, and it may also test the candidate's general competence in the field of Recreation and Outdoor Education.

#### *Leisure Education and Recreation Management*

A student admitted to the master's program in recreation and outdoor education for the concentration in leisure education and recreation management will work closely with his adviser in designing a program to fit his needs for professional preparation in his chosen area of specialization. The areas of specialization in recreation are: (1) park and community recreation, (2) recreation for special populations, (3) outdoor recreation, and (4) commercial recreation. Students are expected to complete (1) the core professional courses: Recreation 500, 520, 525, 530, 540, 570 and EDAF 500; (2) twelve to sixteen hours of electives in an area of special-



ization; (3) Recreation 599–5, a thesis in recreation, or Recreation 596–4 to 8, independent study conducted in a recreation setting. Students choosing the 596 option are required to write a research paper.

### *Environmental and Outdoor Education*

A student admitted to the master's program in recreation and outdoor education for a concentration in environmental and outdoor education will design a program to fit his professional needs under the direction of his adviser. Three areas of specialization are available: (1) Outdoor Education, (2) Environmental Education, and (3) Nature Interpretation. Students are expected to complete (1) the core professional courses: Recreation 510–4, 560–4, 596–8, EDAF 500–4, and El. Ed. 561–4; (2) twelve to sixteen hours of electives in an area of specialization; and (3) Recreation 599–5, a thesis in Environmental and Outdoor Education.

### **Rehabilitation**

In response to pressing human and social needs, the applied field of rehabilitation has solidly entrenched itself as a professional discipline over the past twenty years. Multidisciplinary courses of study have been drawn together from the behavioral, social, and medical sciences appropriate to the development of competent practitioners and programmers in rehabilitation and welfare agencies. The overall program is left purposely broad and flexible to permit the inclusion of training innovations and emerging career patterns.

The Rehabilitation Institute offers graduate programs leading to a Master of Arts or a Master of Science degree in behavior modification and rehabilitation counseling. Each degree requires a minimum of 72 quarter hours of course work and field experience. The distinction between the awarding of M.A. and M.S. degrees in these programs will be made on the basis of demonstrable research performance. The M.S. degree students will concentrate primarily on preparation for entry into the helping, professional fields, and ordinarily they will complete a project or research paper in their area of specialization. The M.A. degree will be awarded only when a student elects to accomplish a research project of an experimental nature involving demonstration of the abilities to formulate research questions, appropriately manipulate experimental variables, and formalize an analysis of data so obtained. An M.S. degree in rehabilitation administration may be obtained by the successful completion of a minimum of 48 credit hours of course work and field experience.

These concentrations are sufficiently open to permit a student to emphasize work with a particular population such as the emotionally disturbed, correctional wards, mentally retarded, physically handicapped, economically deprived, or others. The graduate may work in such settings as state-federal vocational rehabilitation programs, clinics, hospitals, workshops, correctional centers, youth camps, or employment service offices. Some degree programs also require the completion of a three- to six-month internship in an approved agency or institution.

Application forms for both the Graduate School and the Rehabilitation Institute must be separately submitted. Forms for the former may be obtained from the Graduate School and institute forms may be obtained

from the director, Rehabilitation Institute. Acceptance in the program is contingent on the final approval of the admissions committee of the Rehabilitation Institute after processing by the Graduate School.

### *Rehabilitation Counseling*

This is a six-quarter (72 hours of credit) graduate program leading to either the Master of Arts or Master of Science degree. The trained professional counselor must demonstrate competence in establishing a counseling relationship, case evaluation, assessment procedures, program planning and coordination, and vocational placement, as well as have an awareness of professional and community resources that can be utilized in the rehabilitation process. Required courses: 480, 511, 519, 532, 541, 551, 556, and 561. The student will also be given quarterly field work assignments (585c) and must complete a full quarter internship in a rehabilitation setting. Completion of a terminal project, research paper, or experimental research project is required depending on the degree selected by the student.

There is sufficient flexibility in the curriculum so that special interests and needs of students can be pursued by careful selection of electives. Some suggested electives include personality dynamics, social psychology, community development, group processes, educational psychology, economic deprivation, and processes in social work. A special plan of study and field experience is available for students emphasizing rehabilitation in the area of crime and corrections or the mentally retarded. Comprehensive examinations are satisfied through oral examination by the student's advisory committee.

### *Behavior Modification*

The behavior modification major is designed to train students in the application and evaluation of techniques which have demonstrable utility in the modification and development of human behavior. Empirical principles derived from functionally established relationships in human behavior are translated into practical technological tools.

Within this framework, students may specialize in environmental programming and direct service with such broad groups as the mentally retarded, mentally disordered, slow learners and problem children, and in specific problem areas such as incentive programs for job training, learning disabilities, stuttering, cigarette smoking, sexual behavior, and language development.

Candidates in the behavior modification program elect to pursue either the M.A. or M.S. degree, and depending on the degree selected complete as a terminal requirement a project, research paper, or experimental research project. Both degree programs require the completion of 72 credit hours combined from substantive, laboratory, and practical experience areas. Course programs are tailored to fit the needs and interests of individual students. Most students will enroll in a first-year course sequence which includes Rehabilitation 485, 520, 526, 533, 535, and 563. Further course work may include substantive areas such as sexual behavior, child behavior, programmed instruction, and electives from other departments. All students participate in a one-quarter full-time internship at an affiliated training center. Comprehensive examinations are satisfied through oral examination by the student's advisory committee.



### *Rehabilitation Administration*

The design of this major is to prepare generalists to serve as administrators, coordinators, supervisors, and programmers in such rehabilitation settings as workshops, clinics, special schools, youth centers, and state agencies. Requirements for the M.S. degree are a minimum of 48 quarter hours of course work and field experience, at least one quarter of full-time internship and a research paper. The internship may be waived for the candidate who already has a wide range of experiences in rehabilitation or welfare agencies.

Candidates will develop competencies in program planning and development, organization and administration of service/training units, and in staff development and supervision. Specific course requirements are Rehabilitation 480, 501, 551, 556, 561, and 585a. Select courses in the Departments of Administrative Sciences and Marketing are also strongly recommended. Comprehensive examinations are satisfied through oral examination by the student's advisory committee.

### **Secondary Education**

Programs leading to the Master of Science in Education degree, the Specialist's degree, and the Ph.D. are offered in this department.

#### *Master's Degree*

This program is directed by a committee of three professors chaired by a chief program adviser and is subject to review by the departmental faculty. Each candidate's program is planned through a secondary education adviser in cooperation with the department of the student's teaching field.

#### **ADMISSION**

Departmental application and recommendation forms must be completed before an adviser is assigned. These forms are available in the departmental office, 323 Wham Building.

Unconditional admission may be given when the:

1. Student has met certification requirements for teaching at the secondary level.
2. Grade point average is 3.700 or above (5 point scale).
3. Courses in a certifiable subject field for the secondary school are sufficient to constitute an acceptable teaching major.

Conditional admission may be given when the:

1. Student has not completed certification requirements.
2. Grade point average is between 3.400 and 3.700 (5 point scale).
3. Academic teaching field is deficient in hours or courses. Such deficiencies as are noted on the admission form must be removed as rapidly as is possible.

#### **PROGRAM OF STUDIES**

A minimum of forty-eight quarter hours is required for the Master of Science in Education degree. Twenty-four quarter hours of graduate course work must be taken in education. Twenty-four quarter hours of course work at the graduate level must be completed in a certifiable teaching area. Exceptions may be approved by the graduate committee for students



whose previous experience or preparation warrants special consideration (e.g., foreign students, second master's degree, etc.).

#### REQUIRED CORE COURSES

Secondary Education 508—Current Development in Selected Subject Areas in Secondary Education—4 quarter hours

Secondary Education 562—Secondary School Curriculum—4 quarter hours

Educational Administration and Foundations 500—Research Methods—4 quarter hours (must be completed within first 24 quarter hours of work)

Secondary Education 575—Independent Study—4 quarter hours (should follow EDAF 500 and be used to complete the Research Requirement of this program), OR

Secondary Education 599—Thesis—3 to 9 quarter hours (minimum of 5 quarter hours to be counted toward a master's degree)

#### ELECTIVES IN EDUCATION

Eight quarter hours are to be elected from courses currently available in secondary education and other departments of the College of Education. Some education-related courses offered outside the College of Education have been approved by the department and may be elected with the adviser's consent to fulfill part or all of this requirement (e.g., English 581).

#### COURSES IN THE TEACHING FIELD

Twenty-four quarter hours of graduate level course work will be taken in the student's teaching area. To be counted on the master's program, all courses must be 400 or 500 level (graduate) courses.

#### RESEARCH REQUIREMENT

The research requirement for this degree may be completed as described in the following section:

1. The student successfully completes Educational Administration 500 (Research Methods) during the first 24 quarter hours of his work and then selects either of the following.
2. He enrolls in Secondary Education 575 for four quarter hours or selects a thesis topic.
  - a. If he elects Secondary Education 575, he and the professor in charge of the research agree upon the research problem and determine the conditions for completing the study. When the study has been completed to the professor's satisfaction, one copy (original) will be sent to the Graduate School. A second copy will be filed with the adviser.
  - b. If he elects to meet the research requirement by preparing a thesis, he will be assigned a committee of three professors who will plan with him for the writing of the thesis. The committee will also serve as the examination team before whom the thesis is defended. The department will, upon approval, transmit the thesis to the Graduate School. Thesis credit up to 9 quarter hours may be granted.

#### COMPREHENSIVE EXAMINATION

The comprehensive examination will be administered each Spring and Summer Quarter and in other quarters by request. This two-part exam-

ination covers (1) the area of secondary education and (2) the student's teaching field.

The student may elect to take the examination after completion of thirty-six quarter hours of course work. In no case may the completion of this examination be later than five weeks prior to the expected date of graduation. Application forms for the examination are available in the departmental office, and must be filed with the adviser during the quarter preceding the quarter in which the examination is to be taken.

#### **ADVISEMENT**

When the applicant has received notice of his admission to the master's degree program, he should contact the office of secondary education and make an appointment to meet with his adviser.

He and the adviser will outline his graduate program, set up a cumulative folder, and complete his first course request form.

In the event that the applicant cannot begin his program at the time indicated on the application, he should contact his adviser immediately. All students are expected to begin formal course work within twelve months of the admission date. Failure to do so will necessitate reapplication for admission to the program.

#### **PROGRAM COMPLETION**

In addition to general Graduate School requirements described elsewhere in this catalog, and departmental requirements described in this section, the following schedule applies: A minimum of five weeks before the expected time of graduation the student . . .

- (1) must apply for graduation at the Office of Admissions and Records.
- (2) must have departmental approval of his completed research paper or thesis.

*Note:* Any exceptions to statements of policy or requirements made in this section must be cleared through the graduate committee of the Department of Secondary Education.

### **Secretarial and Business Education**

#### *General Information*

Graduate courses in business teacher education may be taken as a major or minor in the Department of Secretarial and Business Education leading to the Master of Science in Education degree.

Admission to the program must be approved by the Department of Secretarial and Business Education, with approval dependent upon the preparation, ability, and promise of the individual student. For the Master of Science in Education degree, the department has no formal admission requirements beyond those of the Graduate School.

The graduate program is planned for those students who have an adequate subject-matter background in at least one of the following business teaching areas: (1) secretarial, (2) general business or consumer education, (3) bookkeeping and accounting, (4) distributive education, or (5) data processing. Deficiencies in background, if any, must be eliminated by taking appropriate courses.

#### *Master's Degree*

The program is aimed at upgrading and making more proficient those individuals who have already met or surpassed the minimum requirements



for teaching business subjects in the high school, community college, or other type of educational institution offering business education curricula.

The major in business teacher education consists of a minimum of 48 quarter hours of course work distributed as follows:

1. Eighteen or more hours in business teacher education courses, such as: improvement of instruction in the secretarial subjects, teaching distributive education, teaching bookkeeping and accounting, teaching consumer education, principles and problems of business education, research in business education, and organization and administration of cooperative vocational business education. A minimum of two of the following courses is required: SEC 500, 502, 503, 508, 509, 510. Four hundred-level courses taken for undergraduate credit cannot be repeated for graduate credit.

2. Twelve or more hours in business or economics courses offered by the following departments of the School of Business: accountancy, administrative sciences, business administration, economics, finance, marketing, and secretarial (excluding the business teacher education courses).

3. Twelve or more hours in courses offered by the various departments of the College of Education.

Each student's program is tailored to meet his particular needs and interests, within the general requirements of the Graduate School for master's degrees.

In keeping with the general requirements of the Graduate School, each student is required to conduct an investigation and write a thesis or a research report. Those who have special interest and ability in research or who expect to go on to advanced graduate study are encouraged to write a thesis.

The thesis may be counted for not more than nine nor less than five quarter hours of credit. Two copies of the approved thesis must be presented to the graduate school at least three weeks prior to the date of graduation, to be bound and shelved in the library. For nonthesis programs, a research paper should show evidence of the student's knowledge of research techniques and should be based on a special project.

The passing of a final written examination is required at the end of the program. The examination is given each May and July. Broad, essay-type questions are asked that require the student to apply the knowledge he has acquired in solving realistic problems. Each student selects four of the following areas to be included in his examination, writing on each area from forty to sixty minutes: (1) teaching typewriting, (2) teaching shorthand and transcription, (3) teaching bookkeeping and accounting, (4) teaching office practice and machines, (5) teaching general or basic business and consumer education, (6) teaching distributive education, (7) teaching data processing, (8) vocational business education, (9) office management, (10) records administration, (11) principles and problems of business education, (12) research in business education, (13) tests and measurements in business education, (14) administration and supervision of business education.

Fellowships and teaching assistantships are available to qualified graduate students. All carry stipends and remission of tuition. Applications for these awards should be submitted by February 1.

Additional information concerning the graduate program in business teacher education may be obtained by writing to the chairman, Department of Secretarial and Business Education.



## **Sociology**

The Department of Sociology offers programs of graduate study leading to the Master of Arts and Doctor of Philosophy degrees. The department ordinarily requires a grade point average of at least 4.0 for admission to the master's degree program and a minimum grade point average of 4.5 for admission to the Doctor of Philosophy degree program. Graduate Record Examination scores on both the aptitude and the advanced (sociology) sections must be submitted with the application for admission.

A minimum of 48 course hours is required for the master's degree. There are no specific course requirements, but the student must pass a comprehensive written examination covering major areas of the discipline. A thesis or a research paper is required to complete requirements for the degree.

Several areas of major or minor concentration are provided for advanced work beyond the general master's program. These are: theory-methodology; social disorganization, deviance, and control; social organization; social psychology; sociology of the family. There are no minimum course hour requirements, specific course requirements, or research tool requirements for the Doctor of Philosophy degree. A diagnostic examination is given in the fall and spring quarters, and students are required to take this examination the first time it is offered following their entrance into the Doctor of Philosophy program. To attain the status of candidate for the Doctor of Philosophy degree, the student must pass a comprehensive written examination in two major (one in theory-methodology) and two minor areas. A dissertation is required to complete requirements for the degree. After approval of the dissertation by the candidate's dissertation committee, an oral examination, primarily on the content and implications of the dissertation, is scheduled and conducted by the committee in open meeting.

Applicants for admission to graduate study in sociology should apply in writing to the chairman of the department. Detailed statements of departmental requirements for the Master of Arts and the Doctor of Philosophy degrees are available upon request. Additional information on programs may be obtained from the departmental director of graduate studies.

## **Special Education**

Several programs leading to a Master of Science in Education degree are offered by the Department of Special Education. Courses which lead to certification as a teacher of exceptional children may be included in the master's degree program. This training is specifically designed for individuals who have had successful teaching experience in regular classrooms and who wish to qualify as teachers of mentally retarded, behaviorally disordered, or learning disabled children.

For persons holding certification in some area of teaching exceptional children, a program designed to meet the requirements for special education administrative positions is offered. This is a program which is flexible enough to meet the needs of persons with a background in any one of a variety of special education areas.

A Sixth-Year Specialist's certificate program in special education with emphasis on one or more areas, including special education supervision, is available.

A Doctor of Philosophy degree in education with a concentration in special education is offered. This program has its base in the Graduate School and College of Education graduate policies. Specific course requirements for the emphasis in special education include extensive seminar experiences in the study of all types of exceptional children.

A number of graduate fellowships, both at the master's and doctoral level, under Public Law 91-230 are available to qualified persons seeking careers in special education through study in this department.

All special education doctoral students are required to work in departmental teaching or research activities for a minimum of four clock hours per week during each term of their full time enrollment. A total of four to eight hours of academic credit is granted for these practicum activities. The purpose of this requirement is to provide an opportunity for the doctoral student to participate in progressively more responsible professional activities under the supervision of the departmental faculty.

### **Speech**

Courses are offered in speech leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees. The Master of Arts and Master of Science degrees are offered with specialization in interpersonal communication, interpretation, rhetoric and public address, speech education, language behavior, and general speech. Competence in one foreign language is required for the Master of Arts degree. Courses in speech may be taken as a part of the program leading to the Master of Science in Education degree. The Doctor of Philosophy degree is offered with specialization in interpersonal communication, interpretation, rhetoric and public address, speech education, language behavior, and theater.

Applicants must meet the minimum requirements of the Graduate School and should have completed a minimum of 24 quarter or 16 semester hours in speech or related areas. A program for remedying deficiencies in background can be arranged upon petition to the graduate committee of the Department of Speech.

Application for admission to graduate study in speech should be directed to the Graduate School. In addition to material sent to the Graduate School, each applicant should submit to the Department of Speech three recommendations from former teachers and an application form indicating his professional and personal objectives. The official application forms for the supporting materials requested by the department may be obtained from the chairman of the graduate studies, Department of Speech.

Acceptance for graduate study in speech and subsequent continuation in the graduate program are determined by the graduate committee of the Department of Speech.

#### *Master's Degree Programs*

A minimum of 48 quarter hours of credit is required for the degree. At least 24 of these hours must be at the 500 level. The course work may be in one or two specialties or in general speech.

A student who completes only the minimum of 48 hours of work may



devote no more than 16 hours outside the Department of Speech. However, a student may petition the Graduate Committee for a program to include 24 hours outside the department.

A faculty adviser is named for the individual student before the end of the first quarter in residence. The faculty adviser and the student will plan the program of study.

A student must have an overall 4.25 grade point average in order to be eligible for the master's degree.

The requirements for the master's degree may be met by either of the following plans:

#### Plan 1

Each student must complete a minimum of 48 hours of credit, with no more than nine hours or fewer than five hours counted toward a thesis. The thesis is submitted to a committee of three members of the graduate faculty, at least two of whom must be from the Department of Speech. This committee must approve the prospectus and will administer the oral examination over the thesis and course work.

#### Plan 2

Each student must complete a minimum of 48 hours of course work. A research paper is submitted as evidence of knowledge of research techniques. This paper should be based on a special project or specific courses as recommended by an advisory committee composed of the student's adviser and one other member of the graduate faculty selected by the student and adviser. This advisory committee must approve the research paper before it is submitted to the graduate committee and, finally, to the Graduate School for its permanent records. A comprehensive written examination is to be taken over the course work.

The student will be given a choice as to which of the above plans he wishes to pursue. The graduate committee of the Department of Speech will make the final recommendation for graduation.

### *Doctor of Philosophy Degree*

The program should include at least 32 hours in the major area of competence and 16 hours in the minor area of competence. Major areas within the Department of Speech include: interpersonal communication, interpretation, rhetoric and public address, speech education, language behavior, and theater. The minor area of competence may be outside the Departments of Speech and Theater, but approval must be obtained from the student's advisory committee and the graduate committee. A student may petition to apply not more than eight hours from a cognate area outside the Departments of Speech or Theater to his major area of competence. Total hours outside the department may not exceed twenty-four. The proposed program must meet the Graduate School requirements for residence and shall exclude course work taken to meet the research tool and dissertation requirements.

After the student has completed 24 quarter hours of his program, his progress shall be reviewed by the graduate committee to determine continuation, change or termination of the program. The advisory committee for each student shall be responsible for assembling the necessary information (grades, recommendations, progress in tool requirements, etc.) for consideration in reaching the above decision.

The student must maintain a 4.5 grade point average in his major area of competence and a 4.25 average in his minor area of competence through-



out his program of study. If the grade average in either area of competence drops below the minimum, the student is placed on academic warning for the following two quarters.

#### *Advisory Committee*

An advisory committee shall be established during the first quarter of graduate study to plan the program of study with each student. The committee shall be composed of two professors from the major area of competence and one professor from the minor area of competence. The chairman of the committee shall act as the primary adviser and sign the Graduate Course Request form. This advisory committee is responsible for certifying to the graduate committee that the student has met all departmental requirements for admission to candidacy and has passed the Ph.D. preliminary examination.

#### *Research Tool*

Before admission to candidacy, the student must demonstrate competence in one research tool. This shall embody skills needed in understanding materials in the field or in the conduct of research for the dissertation or in continuing research contributions in his field of specialization.

Competency may be achieved in a language, statistics, computer programming, or, in some cases by the completion of sixteen hours of additional course work outside the Departments of Speech or Theater. Special cases may be considered upon petition to the graduate committee.

Twelve hours of work in statistics taken within the University with an average grade of 4.0, plus the completion of a research project in the Departments of Speech or Theater, usually will be considered a demonstration of competency in statistics. In some cases, the final examination of the third quarter of the statistics sequence plus the research project will indicate the student's competency in statistics.

For the foreign language tool requirement, proficiency usually will be determined by an E.T.S. examination or the completion of the sequence of three graduate language courses at Southern Illinois University at Carbondale designed for the research tool with a grade of *B* or better. Languages for which there are no E.T.S. examinations or for which there are no regular courses taught will be handled individually upon petition. A research project which utilizes the language will complete the tool requirement.

Computer programming may be utilized when the student is interested in conducting quantitative research. This research may be for the dissertation or some other research project. Competency will be determined by the completion of a research project in the Departments of Speech or Theater.

In some cases, a student may satisfy the research tool requirement through the completion of sixteen hours of additional course work outside the Departments of Speech or Theater but within the University. Such courses must comprise a unified approach to the study of a single area which can be demonstrated as necessary for the dissertation work. The courses must be approved by the graduate committee after the student's dissertation topic has been determined in conjunction with his advisory committee. A 4.0 average will be required for the courses. Final approval will be contingent on the successful completion of a preliminary research project germane to the dissertation topic, utilizing the courses selected to meet the tool requirement.

### *Preliminary Examinations*

The student must pass preliminary examinations over the two areas of competence, the preparation and administration of which are determined by the advisory committee in consultation with the student. The examination may be taken after completion of the course work and prior to completion of the research tool requirement, upon unanimous approval of the advisory committee.

### *Dissertation*

The dissertation director shall, upon consultation with the student, be responsible for setting up a dissertation committee, supervising the dissertation, and administering the final oral examination. The dissertation committee shall approve the dissertation proposal and pass upon the completed dissertation and oral examination.

### **Speech Pathology and Audiology**

The Department of Speech Pathology and Audiology has as its objective the training of personnel for communication science research, for college and university teaching, and for the diagnosis and treatment of persons with speech and hearing impairments. Course work at the master's level may be planned to meet the academic and professional requirements for the following two certificates: (a) the special certificate in speech and language impaired of the Illinois State Teacher Certification Board; (b) the Certificate of Clinical Competence of the American Speech and Hearing Association. ASHA certification is usually required for work in agencies, hospitals, medical centers, etc. The program in clinical training is approved and registered with the Education and Training Board of the American Board of Examiners in Speech Pathology.

Professional experiences for graduate students are provided in the following settings: the University's Clinical Center; a summer residential camping program for persons with organic speech problems; the V.A. Hospital in Marion; A. L. Bowen Center for Retarded Children; nursing homes; and Anna State Hospital. Cooperative programming is maintained with other public and private agencies such as the Division of Vocational Rehabilitation, the Easter Seal Society, the National Association of Speech and Hearing Agencies, and the University of Illinois Division of Services for Crippled Children. Students participate in traveling speech and hearing clinics which serve schools and communities through the media of surveys, diagnostic examinations, and therapy. The department has available S.R.S. traineeships in addition to graduate and research assistantships. Students can also apply through the department for the special doctoral research assistantships and graduate fellowships available from the Graduate School.

Specialized experiences with orthodontists, prosthodontists, plastic surgeons, otologists, and others of the medical and dental professions are available in the St. Louis and Chicago areas. The development of the new medical school at Southern Illinois University at Carbondale and the new dental school at Southern Illinois University at Edwardsville also hold promise for program enrichment. Emphasis is on the interdisciplinary relationships with other professions throughout the training process.

The department maintains many active research facilities which provide laboratories and specialized equipment for the study of both the normal



and impaired functions of the speech and hearing processes and their relationship to language formulation. The speech science laboratory is equipped for electromyographic study of the speech musculature, radio telemetry, electrophysiology of hearing, evoked potential and spectrographic analysis of speech signals. The experimental audiology laboratory, which includes an anechoic chamber, is equipped for investigation in air and bone conduction sensitivity, localization and speech discrimination. It also has facilities for automatic audiometry, PSGR, middle ear impedance, and aural reflex experimentation. Facilities are also available for the use of palmar sweat and electro skin measurements as physiological indices of emotion, for the study of relationships of orofacial anomalies to voice and speech disorders, and for the experimental analysis of behavior and behavior modification.

Graduate courses in the Department of Speech Pathology and Audiology may be taken for a major leading to the Master of Science and Doctor of Philosophy degrees.

G.R.E. aptitude test scores must be submitted to the department. They are not mandatory for admission, however, and may be submitted shortly after admission, usually within the first quarter of residence.

Additional information regarding financial aid, programs, and application procedures can be secured by writing to the chairman, Department of Speech Pathology and Audiology, Southern Illinois University at Carbondale, Carbondale, Illinois 62901. Inquiries from qualified graduates in other fields are welcomed. For example, students interested in the interdisciplinary engineering biophysics program may register for the speech and hearing science courses.

### *Master's Degree*

The master's degree requires a minimum of 48 hours of acceptable graduate credit (4.0 average) at least 24 quarter hours of which are of the 500 level, and the completion of an approved thesis or research paper. Specific course requirements and total number of hours are determined by advisement after consultation with the graduate student. A comprehensive examination over course work may be given by the faculty three quarters after the beginning of full time work for purposes of advisement and assessment of student's academic status.

It is recommended that the master's degree culminate in the academic and practicum requirements for the Certificate of Clinical Competence in Speech Pathology or Audiology as designated by the American Speech and Hearing Association and for the special certificate in speech and language impaired of the Illinois State Teacher Certification Board.

A candidate for the master's degree has two options: to write a thesis, or a research paper. The thesis may be counted for not more than 9 nor less than 5 quarter hours of credit. A research paper is required of those who do not undertake a thesis. A paper should show evidence of the student's ability to formulate and present research in a form which demonstrates an acceptable level of scholarship. All students intending to pursue doctoral studies are encouraged to write a thesis. If the student plans to continue at Southern Illinois University at Carbondale, it is mandatory.

### *Doctor of Philosophy Degree*

The student, after consultation with his academic adviser, is expected to propose to the graduate faculty of the department the academic program



he intends to pursue prior to taking the preliminary examination for admission to candidacy. The proposed program must meet the Graduate School requirements for residence, and shall exclude course work designed to meet the research tool requirement. The program must also include a cognate area which will assure a meaningful competence in subject matter outside the student's major department. Graduate faculty approval of the proposal signifies an agreement between the student and the department.

After satisfactory completion of the above, the student may request the preliminary examination. The preliminary examination shall be written and administered by no fewer than 5 graduate faculty members representing the student's specialization, cognate, and research interests. Should the student fail the first examination, he may, with faculty approval, repeat the examination once within a 12-month period.

After successful completion of the approved academic program, research tool, and the preliminary examination, the student will be admitted to candidacy for the degree. The candidate must then complete a dissertation showing that he is capable of independent research.

After successful completion of the approved academic program, research tool, and the preliminary examination, the student will be admitted to candidacy for the degree. The candidate must then complete a dissertation showing that he is capable of independent research.

The final examination shall be oral and cover the subject of the candidate's dissertation and related academic and professional matters.

### *Research tool*

a. The research tool shall replace neither a required nor a prerequisite element of the student's proposed academic program and must be completed before the student will be permitted to take the preliminary examination for admission to candidacy.

b. The student must demonstrate an ability to deal with descriptive and inferential statistics and research design techniques. Ordinarily this will be accomplished by completing a three-course sequence (12 quarter hours) in statistics, such as the sequence available in the Department of Guidance and Educational Psychology. Competency will be demonstrated by achieving a *B* average in the course sequence, or by proficiency. The sequence should be considered to be outside of any specific degree requirement.

### **Theater**

The Department of Theater offers programs of study leading to the Master of Arts and the Master of Fine Arts degrees and the Doctor of Philosophy degree in speech with a major in theater.

Graduate study in theater (at the master's level particularly) is organized more or less formally into the following areas of study: 1. Acting. 2. Directing. 3. Design: Scenic/Costume. 4. Playwriting. 5. History & Criticism. 6. Dance. 7. Children's Theater. 8. Cognate and Interdisciplinary Fields: Dramatic Literature, Asiatic Theater, Black Studies, Soviet and East European Theater, Music Theater, or an approved interdisciplinary group of courses.

All candidates for the M.A., M.F.A. and Ph.D. degrees will be expected to select one of these areas as their major field and to demonstrate special competence in that field. Ph.D. candidates will also be expected to

demonstrate competence in a cognate speech area: oral interpretation, interpersonal relations, rhetoric and public address, speech education, or language behavior.

Candidates, after admission to the program, are sent a required reading list of plays on which a diagnostic test (to determine for the student's benefit and the department's his weaknesses and strengths) is given during the first quarter of residency. The test also requires the writing of an essay selected from a list of topics in the field.

Application for admission to graduate study in theater should be directed to the Graduate School. The applicant must have the registrar of each college previously attended send three complete official transcripts of all undergraduate and graduate work directly to the Graduate School. Supporting materials for the application should be sent to the director of graduate studies in the theater department. These materials consist of (1) a personal and professional data form, and (2) three letters of recommendation from former teachers or supervisors. The official forms for these materials may be obtained from the director of graduate studies, Department of Theater. Applications and supporting materials should be submitted at least eight weeks prior to the beginning of the quarter in which the student expects admission to study.

Departmental processing of applications for acceptance as a graduate student in theater is the responsibility of the department's graduate adviser, who serves as adviser for all graduate students until such time as a faculty adviser or committee is named for the individual student, which will normally be done not later than the end of the first quarter in residence.

Graduate students are urged to supplement their class work with practical experiences in acting and production. Membership in the Southern Players is open to graduate students, and they may also earn graduate credit as members of the Southern Touring Company and the Summer Stock Company.

### *Master of Arts Degree*

Requirements for admission imposed by the department are in addition to those of the Graduate School. The department will ordinarily accept as candidates for the master's degree only those applicants who: (1) have graduated from an accredited four year college or university; (2) have completed a minimum of 24 quarter or 16 semester hours in the field of theater or speech; (3) have a 3.7 (5-point scale) over all grade point average, or alternatively, 3.9 over all for the last two years of undergraduate work; and (4) have a 4.0 over all average in theater or speech. Applicants who do not meet these minimal requirements or their equivalent, but who do meet the minimum standards of the Graduate School, can be considered for acceptance only on petition to the department's graduate adviser which, if granted will be accompanied by a statement specifying the special conditions or requirements of admission.

A minimum of 48 quarter hours of credit, no more than 9 of which may be for the thesis, constitutes the basic course requirements for the Master of Arts degree. At least 24 of these hours must be at the 500 level. The course work must be so planned as to include at least four hours of work in each of three of the eight areas of study.

A student who completes only the minimum of 48 hours of course work may devote no more than 8 of those hours to courses outside the department unless the work is in a cognate field which has been approved as a



replacement for one of the areas of concentration within the department. In the latter event, as many as 16 hours in outside fields may be counted within the 48 hour minimum.

Each candidate for a Master of Arts degree must include in his studies the departmental course Theater 500: Introduction to Graduate Study in Theater. Candidates for the Master of Arts must demonstrate proficiency in a foreign language or complete a research-tool project relevant to either (1) professional skills (acting, directing, playwriting, etc.) or (2) a research area in a specialized interest.

A student must maintain an over all 4.0 (5-point scale) grade point average in order to be eligible for the Master of Arts degree.

The departmental graduate adviser is at the service of each student; he registers students in courses and helps them plan their programs. He also confers with the student in the selection of the chairman and members of a thesis committee. The topic of the thesis, which is required, is chosen in consultation with committee chairman at the earliest practical time.

The final oral examination will cover the thesis and the major area in which it was written, and it may also test the candidate's general competence in the field of theater.

### *The Master of Fine Arts*

While the department's requirements for admission to graduate-degree programs coincide with those of the Graduate School, a student who wishes to earn the M.F.A. degree must follow a special procedure in order to qualify for admission to this degree program. He must take 17 hours of core courses in the department: a directing course (402a or b), 526: Seminar in Theater Art-Aesthetics, 438: Contemporary Developments in the Theater, one course in the student's specialization with directing students taking a course in acting, qualifying project: 2 hours of Theater 530. If a student has taken any of these courses elsewhere, other courses suggested by the graduate adviser or his advisory committee shall be substituted. Successful completion of these courses with a grade of *B* or better will not in itself assure the student of candidacy for the M.F.A. degree; he must also satisfy the faculty that he is artistically qualified for admission to the program by demonstrating above-average talent in one of three areas: (1) acting-directing, (2) design: scenic/costume, and (3) playwriting. Artistic qualification can usually be determined after a student has taken four hours of courses in one of the above three areas (courses taken in the 17-hour core will count) and after he has demonstrated his ability in his specialty by submitting a portfolio of designs, for example, or by directing or designing a laboratory production or by submitting play manuscript(s). Each potential candidate will also be interviewed by a faculty committee or jury. The judgement of the faculty committee in the evaluation of artistic qualifications will be final.

Students who fail to qualify for admission to the M.F.A. program of studies may petition to enter a program leading to an alternate degree.

Once admitted as a candidate for the M.F.A., a student will proceed to complete 73 hours of courses (including 6-9 for a thesis-project in his area of specialization) under the guidance of his adviser.

It is assumed that the majority of students applying for admission to the M.F.A. program would be graduates of institutions other than S.I.U. All such transfer students must give evidence of having completed elsewhere practical training of thoroughness and quality which is the equivalent of the undergraduate work offered in theater at S.I.U. at Carbon-



dale. Transfer students who hold an M.A. or M.S. in theater from another institution will not, under any circumstances, be accepted for the M.F.A. until they have successfully fulfilled the requirements and thus given evidence at S.I.U. at Carbondale of their qualifications.

### *Doctor of Philosophy Degree*

Potential doctoral students should carefully study the program description in speech. Doctor of Philosophy degree candidates are required (1) to complete a minimum of 32 hours in theater and 16 hours in speech, and (2) to complete a theater dissertation. Qualified candidates may offer a creative equivalent in producing, playwriting, or design, under the supervision of an advisory committee. Candidates for the Doctor of Philosophy degree with a major concentration in theater must demonstrate competence in one research tool (refer to speech for description) relevant to skills needed for understanding materials in the field, or in the conduct of research for the dissertation, or in continuing research contributions in the field of specialization. Candidates must also satisfy the graduate staff that they are qualified for candidacy by passing a comprehensive preliminary examination. Graduate courses in theater may also be taken as a secondary concentration leading to the Doctor of Philosophy degree with a specialization in one of theater-speech areas.

Candidates for the Doctor of Philosophy degree who have a special interest in dramatic literature may earn the degree by substituting a limited number of dramatic literature courses (approved by their adviser) as offered in the Department of English for theater courses.

An undergraduate major in theater is not essential for admission to candidacy for a graduate degree. A student with an undergraduate major in speech or English, for instance, may audit undergraduate courses in theater to make up any deficiencies.

### **Zoology**

Graduate work in zoology may be taken as a major or minor toward the Master of Arts, Master of Science, and Doctor of Philosophy degrees. The departmental director of graduate studies should be consulted in regard to current programs, specific requirements, and individual questions. Graduate programs in zoology are as flexible as possible consistent with the goal of academic excellence.

Candidates for the Master of Science and Master of Arts degrees must have the consent of the department and at least 35 quarter hours of undergraduate credit in zoology. Credit in physical sciences and mathematics also is required. Deficiencies determined in undergraduate preparation may be removed concurrently with graduate work.

The doctoral degree is a research oriented degree awarded for high accomplishment in a particular discipline or interdisciplinary area. Admission to the doctoral degree program in zoology ordinarily requires previous training in animal science. A good background in all life sciences, chemistry, mathematics, and physics is desirable. Each student's program of study is based upon the results of an advisory examination, the student's overall background, the requirements of the preliminary examination, and the proposed specialization. The student's adviser aids in the selection of a minor and establishes the program requirement. A dissertation demonstrating scholarly merit and the ability to perform independent research are required.

# 3 / Course Descriptions

Here are described all of those courses offered by Southern Illinois University at Carbondale offered at the 400- and 500-level. Courses are listed numerically within each subject-matter area. Areas are listed below in order of their appearance on the following pages.

Administration of Justice	Elementary Education	Interior Design
Agricultural Industries	Engineering	Journalism
Animal Industries	Engineering Technology	Linguistics
Anthropology	English	Mathematics
Art	Family Economics and Management	Medical Education Preparation
Biology	Food & Nutrition	Microbiology
Black American Studies	Foreign Languages	Music
Botany	Classical Studies	Occupational Education
Business Administration	French	Philosophy
Accountancy	German	Physical Education
Administrative Sciences	Greek	Physics
Finance	Latin	Physiology
Marketing	Romance Philology	Plant Industries
Chemistry & Biochemistry	Russian	Psychology
Child & Family	Spanish	Recreation & Outdoor Education
Cinema & Photography	Forestry	Rehabilitation
Clothing & Textiles	Geography	Secondary Education
Community Development	Geology	Secretarial and Business Education
Computer Science	Government	Social Welfare
Design	Guidance & Educational Psychology	Sociology
Economics	Health Education	Special Education
Education	Higher Education	Speech
Educational Administration & Foundations	History	Speech Pathology and Audiology
	Home Economics Education	Theater
	Industrial Technology	Zoology
	Instructional Materials	

The first entry for each course is a three-digit numeral which serves to identify the course. Courses numbered 400–499 are open to both seniors and graduate students, unless designated otherwise. Courses numbered above 499 are for graduate students only.

Following the course identification number is another number, which indicates the maximum credit allowed for the course. The maximum may vary, and specific quarter hours may be assigned for each quarter a course is given.

Following the course description there may be prerequisites which must be satisfied before a student is permitted to enroll. Graduate students will not receive graduate credit for 400-level courses graded on a Pass/Fail basis. Graduate credit is awarded for 500-level courses which have been approved to be graded on a S/U only basis.



Graduate students at Southern Illinois University at Carbondale are required to purchase textbooks and instructional materials and supplies needed for each course. Field trips are required for certain courses.

To learn in which quarter a course is offered, the student should consult the Schedule of Classes, published quarterly by University Graphics, Southern Illinois University at Carbondale, Carbondale, Illinois 62901.

### **Administration of Justice**

**411-4 Critical Issues in Criminal Justice.** Emergent phenomena in the system of criminal justice investigated to demonstrate the pertinence of theory to practice. Includes role conflicts in law enforcement and corrections, police professionalism, its place and function, the offender as a client for services, corrections as a setting for research, the juvenile court, and career patterns and difficulties.

**416-4 Introduction to Research in Administration of Justice.** Philosophy, theories, and methods of research. Principles of scientific inquiry contrasted with the constraints and demands of the criminal justice community. Prerequisite: consent of instructor.

**417-4 Research Practicum in Administration of Justice.** Review of alternative research models for measuring dispositional concepts. Interpretation of research. Construction and analysis of tools appropriate to some aspect of the administration of justice. Prerequisite: 416 or consent of instructor.

**472-4 The American Correctional System.** (See Sociology 472.) A survey of the correctional field, covering probation, institutional treatment, and parole. Historic development, organizational structure, program content, and current problems. Prerequisite: consent of instructor.

**473-4 Juvenile Delinquency.** (See Sociology 473.)

**474-3 Law Enforcement Administration.** (See Government 474.)

**483-4 Current Problems in Corrections.** An exploration of contemporary problems in the control and treatment of sentenced offenders and a review of research trends in corrections. Prerequisites: 472 or consent of instructor.

**489a-4 Probation, Classification, and Parole.** An introduction to the structure and function of those elements of the correctional process primarily concerned with the evaluation, treatment, and control of offenders with particular attention to the casework components of the process. Prerequisite: consent of instructor.

**489e-2 to 4 Independent Study in Corrections.** Supervised readings or independent investigative projects in the various correctional aspects of crime control, institutional management, and specific correctional programs. Prerequisite: written permission of Center Coordinator.

**501-12 (4,4,4) Criminal Behavior: Problems and Characteristics.** Must be taken in a,b,c sequence. Communalities in multidisciplinary study and knowledge in criminal behavior presented by teaching teams.

**515-4 Crime Prevention and Control.** Development factors and active intervention techniques in preventing crime and delinquency. The roles of agencies such as police, schools, churches, mental health clinics, and other service organizations.

**561-4 World Criminal Justice Systems.** Comparative criminal justice systems in world regions and nations including the United Nations. Prerequisite: consent of instructor.

**572-4 Seminar in Criminology.** (See Sociology 572.)

**578-1 to 6 Seminar in Correctional Rehabilitation Counseling.** (See Rehabilitation 578.)

**580-4 Design, Planning, and Management in the Administration of Justice.** Simulated planning and design experience with real justice system problems. Each student is required to investigate a criminal justice sub-system, study the literature and theoretical foundations on modifying such systems, and develop a plan to deal with the system.

**582-4 Criminal Law and the Correctional Process.** (See Government 582.)

**583A-6 Supervised Field Work (Internship.)** Experience in state and federal institutions, probation and parole departments, juvenile courts, delinquency control programs, and public or voluntary agencies. Orientation sessions precedes placement. Prerequisite: consent of instructor. Graded on S/U grade system.



- 583B-6 Supervised Field Work (Internship.)** (Same as 583A except grading is on A through E basis.)
- 584-4 Seminar in Correctional Program Management.** (See Government 584.)
- 591-1 to 5 Supervised Readings in Selected Subjects.** Prerequisite: consent of instructor and department chairman.
- 599-1 to 9 Thesis.** Prerequisite: written permission of academic coordinator.

### **Agricultural Industries**

Field trips are required for certain courses.

- 410-1 to 6 Problems in Agricultural Services.** Discussion, assignments, and special workshops on problems related to inservice training programs in agriculture. Prerequisite: consent of instructor.
- 411-3 Agricultural Extension.** A study of the history, organization, objectives, programs, and methods of agricultural extension work. Prerequisite: junior standing.
- 412-4 Principles of Agriculture Mechanization.** Theory and use of educational materials and devices adaptable to the needs and interests of educators involved in agricultural mechanization laboratories. Prerequisites: Secondary Education 310 and 8 hours of mechanization or equivalent.
- 417-4 Agricultural Development in Emerging Countries.** Principles and practices in improving agriculture in areas with limited capital and low levels of technology. Prerequisites: 204 or GSB 211.
- 418-3 Marketing Practices and Problems in Developing Countries.** Types of markets, assembly of products, storage, transportation, quality determination, and pricing practices which are peculiar to the developing countries. Market organization and practices for the major export products and the principal domestic foods and fibers in such countries. Methods of progressively improving such markets. Prerequisite: 354 or Economics 215.
- 420-2 to 6 Knowledge and Skills Related to Agriculture Education.** Designed to improve the techniques of agricultural education workers in the field. Emphasis will be on new technical developments and the most effective method of presenting these developments. Prerequisite: Previously demonstrated ability in area selected for advanced study.
- 450-4 Advanced Farm Management.** Application of linear programming to farm planning including enterprise selection, resource allocation and least cost ration formulation. Farm decision making under uncertainty and analysis of farm expansion alternatives. Prerequisite: 350.
- 451-4 AgriBusiness Management.** Functions of top management, such as: determining objectives; developing sound and consistent policies for achieving objectives; organizing the administrative personnel to carry out the plans; guiding and maintaining the organization. Prerequisite: senior standing.
- 456-11 (3,2,2,2,2) Agricultural Marketing Problems and Practices.** (a) Co-operatives. Development of the agricultural cooperative movement, agricultural cooperative organization, legal requirements, principles and practices of agricultural cooperative associations. (b) Livestock. Problems and their solutions in marketing livestock. (c) Field Crops. Problems and their solutions in marketing field crops. (d) Dairy and Poultry. Problems and their solutions in marketing dairy and poultry products. (e) Horticultural Crops. Problems and their solutions in marketing horticultural crops. Field trip cost \$5. Prerequisite: 354 or consent of instructor.
- 460-4 Agricultural Law.** Relations of common-law principles and statutory law to land tenure, farm tenancy, farm labor, farm management, taxation, and other problems involving agriculture. Prerequisite: senior standing or consent of instructor.
- 471-4 Land Resource Economics.** (Same as Forestry 471 and Economics 471). The use of land as an economic variable in production of goods and services; land markets; group versus individual conflicts; and land utilization as related in institutional arrangements. Prerequisite: Econ. 215 or equivalent.
- 473-4 Advanced Agriculture Power Systems.** Detailed study of the mechanics of internal combustion engines and component systems. Prerequisite: 373 or equivalent.
- 478-4 Agricultural Materials Handling Systems.** Arrangement of feed handling, storage, and processing systems for agricultural products. Includes cleaning, sorting, and drying. Prerequisite: 215, 350, or equivalent.



**482-1 to 3 Seminar on International Agricultural Problems.** Discussion of methods by which foreign students can adapt information and training obtained in U.S. oriented courses to the solution of important agricultural problems in their home countries. May be supplemented by work experience and research on the University farms, in laboratories, and in the library. Prerequisite: consent of instructor.

**483-3 Introduction to Communicating Technology in Rural Areas.** For field and administrative personnel preparing for or working in regions of rural economic development. Examines ecology and cultural elements of rural populations affecting the communication/adoption of technology. Basic forms common to the flow/communications of new technology. Develops alternative communication strategies for specific programs. Prerequisite: junior standing.

**485-3 Principles and Philosophies of Vocational and Technical Education.** (See Occupational Education 485.)

**505-3 Agricultural Industries Research Methodology.** Social science research methodology in agriculture. To include types of research problems encountered, sources of data, problems in developing new data and methods of analysis. Prerequisite: consent of department chairman.

**512-2 to 6 Agricultural Occupation Internship.** Prepares coordinators to fulfill their responsibilities in selected areas of agricultural related occupations through an internship in the area of specialization and through orientation to related technical information. Prerequisite: 312 or consent of chairman.

**520-1 to 6 Readings.** Readings in specialized topics under the direction of an approved graduate faculty member.

**525-4 Cooperative Vocational-Technical Education.** (See Occupational Education 525.)

**550-4 Resource Allocation in Agriculture.** A theoretical and empirical examination of the effects of recent rural programs and policies on resource allocation in agriculture. Prerequisite: 12 hours of economics or agriculture economics.

**552-2 Advanced Agricultural Prices.** Continuation of analysis of factors affecting agricultural prices; the application of these factors in price prediction. Prerequisite: 352.

**554-4 Advanced Agricultural Marketing.** Current complex problems in agricultural marketing and methods of developing solutions; cooperative activities. Prerequisite: 12 hours or equivalent in economics and agricultural economics.

**575-1 to 6 Individual Research.** Directed research in selected topics under the supervision of an approved graduate faculty member.

**581-1 to 6 Seminar.** Study and discussion in selected topics under the supervision of an approved graduate faculty member.

**588-1 to 12 International Graduate Studies.** University residential graduate study program abroad. Prior approval by the department is required both for the nature of program and the number of quarter hours of credit.

**599-1 to 9 Thesis.** Work in the research for and presentation of a thesis under the supervision of an approved faculty member.

## **Animal Industries**

Field trips are required for certain courses.

**415-9 (5,4) Animal Nutrition.** (a) Physical and chemical properties of nutrients and their uses and principles involved in determination of nutrient requirements. (b) An integration of the basic facts concerning the nature of nutrients and their metabolism. Must be taken in a,b sequence. Prerequisites: 315 and a course in chemistry.

**419-4 Stable Management and Horsemanship.** Lectures and laboratory experience. Routines of stable operation, horse care, training, and management. Field trips. Prerequisite: 319.

**420-4 Commercial Poultry Production.** Broilers, layers, and turkeys as adapted to poultry speciality farms. Field trips. Prerequisite: 121.

**421-3 Animal Production in Developing Countries.** World animal production, practices, and institutions which affect productivity. The adaptability of animals to serve mankind. Prerequisite: one year biological science.

**430-5 Dairy Cattle Management.** Application of principles of genetics, nutri-



tion, physiology, and economics to the management of the dairy herd. Field trip required. Prerequisite: 315 and 332.

**431-4 Reproductive Physiology of Domestic Animals.** Comparative physiology of reproduction in farm animals and the principles of artificial insemination. Prerequisite: 121 or one course in physiology.

**432-3 Quantitative Inheritance of Farm Animals.** A review of the principles underlying the influence of mutation, selection, migration, and random drift in animal breeding population; estimation and interpretations of heritabilities and genetic correlations; effects of variances of quantitative traits of farm animals. Prerequisite: 332.

**433-3 Dairy Cattle Nutrition.** Application of the latest knowledge of digestion and metabolism in ruminants, and their nutritional requirements to dairy herd feeding. Prerequisite: 315.

**434-3 Physiology of Lactation.** Anatomy of the mammary gland, hormonal control of development and secretion, milk synthesis, physiology and mechanics of milking. Prerequisite: organic chemistry and physiology.

**456b-2, 456d-2 Agricultural Marketing Problems and Practices.** (See Agricultural Industries 456.)

**465-4 to 5 Swine Production.** Breed selection, breeding, feeding, management, and marketing of swine. Field trip. Prerequisites: 315, 332.

**479-4 Animal Behavior.** (Same as Psychology, Zoology 479.) Prerequisite: GSA 209 or equivalent.

**480-4 Sheep Production.** Breeding, feeding, and management of sheep. Field trip. Prerequisites: 315.

**485-4 Beef Production.** Breeding, feeding, and management of beef cattle as applied to cow and calf production. Prerequisite: 315.

**487-4 Commercial Livestock Feeding.** Principles and problems in fattening beef cattle and sheep for market. Prerequisites: 315.

**502-3 Surgical Research Techniques in Farm Animals.** Basic methods of experimental surgery and sampling of biological materials in research on farm animals. Practice of techniques discussed in the lectures. Prerequisite: consent of instructor.

**505-4 Research Methods in Agricultural Science.** Experimental design and biometry as applied to agricultural research.

**506-4 Instrumentation Methods in Agricultural Science.** Basic methods and techniques of instrumentation are taught in the lectures with application of instruments commonly involved in agricultural research carried out in laboratories. Prerequisite: consent of instructor.

**515-4 Nutrient Utilization in Domestic Animals.** Nutrient utilization, including digestion, absorption and metabolism, and relationship of energy metabolism to energy source and body function. Prerequisite: 415a, 505b.

**516-4 Minerals and Vitamins in Animal Nutrition.** Basic and applied principles of mineral and vitamin metabolism. Emphasis on metabolic functions, reaction mechanisms, and interrelationships. Prerequisite: 515 or Chemistry 350.

**520-1 to 6 Readings in Animal Industries.** Readings in specialized fields under direction of approved graduate specialists.

**575-1 to 6 Individual Research.** Investigation of a problem in animal science under the supervision of an approved graduate specialist.

**581-1 to 6 Seminar.** Problems relating to various phases of animal industries.

**588-1 to 12 International Graduate Studies.** University residential graduate study program abroad. Prior approval by the department is required both for the nature of program and the number of quarter hours of credit.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Anthropology

**400-4 Man and Culture.** The nature of culture and cultural process. Relationships of culture and man as an individual and as a group. Emphasis on "the anthropological point of view."

**401-4 Language in Culture.** Language as a part of culture. Linguistics and the study of culture.

**403-3 or 4 General Archaeology.** Theory and methodology. The basic concepts underlying anthropological interpretations of man's past. Prerequisite for undergraduates: 302 or consent of instructor.

**404-6 (3,3) Technology, Art, and Anthropology.** Development of man as an



art-loving and tool-using being. Technological and artistic traditions of non-western peoples, past and present. (a) Technology and anthropology. (b) Art and anthropology. Sequence a,b recommended. May be taken b,a or a or b only.

**407-3 General Ethnology.** Ethnology as a major sub-field of anthropology, including interest in ethnohistorical studies as well as the more traditional aspects of the field.

**408-3 History of Anthropological Thought.** The growth of anthropology as an academic discipline to about 1940, with emphasis upon the concepts and ideas since 1860.

**409-3 Applied Anthropology.** The application of anthropological principles to the solution of problems of the modern world. Contributions of anthropology to the work of the educator, social worker, administrator, business man, government official, and other specialists dealing with man in Western and non-Western cultures.

**410-3 Current Problems in Social Anthropology.** Current problems in the description and analysis of non-Western social systems. Emphasis on kinship and social structure.

**413-3 General Linguistics.** General, philosophical. Emphasis on linguistic theory, origin of language, acquisition of language, language change, dialectology.

**415-3 Logic of the Social Sciences.** (Same as Philosophy 415). Logical and epistemological examination of the social studies as types of knowledge. Basic problems in philosophy of science with major emphasis upon social science: relationship of theory to fact, nature of induction, nature of causal law, testability, influence of value judgments, etc. Intended for students with considerable maturity in a social science or in philosophy.

**418-4 Languages of the World.** Emphasis on language families, linguistic history and genetic relationships, and typological classification. Of special interest to specialists in fields other than linguistics. Prerequisite: consent of department.

**430-3 Archaeology of North America.** An introduction to the methods of archaeology and a survey of prehistoric Indian cultures north of Mexico, with particular emphasis upon the cultures of the Mississippi Valley.

**441-3 Comparative Economics.** A comparative study of economic systems, with emphasis upon those found in primitive societies. Studies of systems which fall outside the conventional systems such as capitalism, socialism, and fascism.

**442-3 Comparative Folklore.** A comparative study of the role of folklore in various cultures of the world, with emphasis upon non-literate societies. Analysis of motifs, themes, and other elements; comparisons between non-literate and literate groups.

**443-3 Comparative Law.** Legal premises upon which societies are based; systems of the non-literate world; case studies of instances where these systems come into contact with those of literate, technologically advanced cultures.

**444-3 Comparative Religion.** Comparative study of religious systems, with emphasis upon those of non-literate societies. Examination of basic premises and elements of those belief systems normally excluded from discussions of the "Great Religions." Case studies of acculturation between these two categories, the "primitive" and the "Great," or "World," religions.

**445-3 Cross-Cultural Studies of Personality.** Similarities and differences in personality structures including the historical development of this as an anthropological subdiscipline. Basic and modal personality, national character, culture change and personality, culture-bound reactive syndromes, and cognitive anthropology discussed.

**465-6 (2,2,2) Museum Methods.** Practical experience and associated philosophical-educational context of museum methods in exhibition/display, processing, cataloging, preservation, etc. Prerequisite: junior standing.

**466-2 Museum Administration.** Problems and policies associated with museum administration, either as a specialist in large organizations or as general museologist when the director serves as a multi-purpose staff member. Prerequisite: junior standing.

**470-9 (3,3,3) Special Studies of World Languages.** Languages or language families with focus on history and structure. Any one quarter concentrates on language of a major geographical area. Prerequisite: 413, or Linguistics 401 a or b, or consent of instructor.

**471-6 (3,3) Ethnomusicology.** (Same as Music 471 except no prerequisite.)  
**483-1 to 18 Individual Study in Anthropology.** Guided research on anthropological problems. Consent of department required to enroll, unless required and scheduled with another anthropology course.  
**497-1 to 18 Honors Individual Research.** Honors students participate in graduate seminar work with the consent of the instructor.  
**499-3 to 12 Honors Thesis.** Directed work on research problems. The topic of the thesis may be simple or complex, depending on the time expended on it. Paper to be of publishable quality. Prerequisite: 399 and consent of department.

From year to year, the areal and topical coverage of the following 17 courses will vary, as will the instructors. Students should consult the department about subjects to be covered.

**510-3 to 9 Seminar in New World Archaeology.**  
**511-3 to 9 Seminar in Mesoamerican Archaeology.**  
**512-3 to 9 Seminar in Old World Archaeology.**  
**520-3 to 9 Seminar in the Ethnology of the New World.**  
**521-3 to 9 Seminar in the Ethnology of Mesoamerica.**  
**522-3 to 9 Seminar in the Anthropology of Oceania.**  
**523-3 to 9 Seminar in the Anthropology of Africa.**  
**545-3 to 9 Seminar in Linguistics.**  
**550-3 to 9 Seminar in the Cultures of Latin America.**  
**560-3 to 9 Seminar in Comparative Social Organization.**  
**562-3 to 9 Seminar in the Anthropology of Contemporary Peoples.**  
**565-3 to 9 Seminar in Cultural Change and Development.**  
**567-3 to 9 Seminar in Anthropological Theory and Method.**  
**570-3 to 9 Seminar in Art and Technology.**  
**575-3 to 9 Seminar in the Individual and Culture.**  
**581-3 to 9 Seminar in Anthropology.**  
**582-1 to 27 Problems in Archaeology.** Guided research upon archaeological problems. Graded on a Satisfactory/Unsatisfactory basis only. Prerequisite: consent of department.  
**584-1 to 27 Problems in Cultural Anthropology.** Guided research upon problems of ethnology, social anthropology, and linguistics. Graded on a Satisfactory/Unsatisfactory basis only. Prerequisite: consent of department.  
**585-1 to 27 Readings in Anthropology.** Guided readings designed to cover special topics and to fill gaps in the student's specialized anthropological background. Prerequisite: consent of department.  
**595-6 (3,3) Field Methods in Ethnology.** Includes anthropological methods of enquiry and documentation of culture and habitat together with appropriate instruction in the techniques of field work, such as photography and sound recording. Stress will be laid in the second part of the course (595b) on the linguistic context of culture; its appropriate recording and structural body.  
**596-6 (3,3) Field Methods in Archaeology.** Includes anthropological methods of enquiry and documentation of culture and habitat, together with appropriate instruction in the techniques of field work. Stress will be laid in the second part of the course (596b) on the practical application of archaeological methods and techniques to field work.  
**597-1 to 27 Fieldwork in Anthropology.** To be arranged with department. Graded on Satisfactory/Unsatisfactory basis only.  
**599-1 to 9 Thesis.**  
**600-1 to 36 Dissertation.** No more than 18 hours in any quarter.

## Art

Art studio courses: (401-430; 501-530) directed towards individual research in the student's major field. Emphasis is placed upon the history, materials, processes, and ideas that form the content and experience of the student's major field. Permission of the major adviser in each studio is required.

Art History Courses: 440's, 450's, 540's, 550's.

Art Education Courses: 460's, 560's.

**401-2 to 24 Painting I.**

**403-2 to 24 Drawing I.**

**405-2 to 24 Sculpture I.**

**410-2 to 24 Printmaking I.** Prerequisite: 358-12.



415-2 to 24 Weaving I.

420-2 to 24 Ceramics I.

428-2 to 24 Glassblowing I. An in-depth studio experience exploiting the use of glass as an artistic medium. Prerequisite: restricted to art majors only, graduate standing or 8 hours ceramics and permission of instructor.

430-2 to 24 Metalsmithing I.

445-9 (3,3,3) Modern Art. (a) 19th century. (b) Early 20th century, (c) Mid 20th century.

447a-3 The Art of Ancient Egypt and the Near East. A survey of principal monuments and archeological evidence relevant to an appraisal of the origins and development of art in the early civilizations of Africa, Western Asia, Europe and the Aegean from prehistoric times to the rise of the Persian Empire.

447b-3 The Art of Ancient Greece. A study of the origins, development and influence of art produced in Greece and its colonies from the Bronze age to the Roman Empire.

447c-3 The Art of The Ancient Romans. An appraisal of the material culture of art of the Roman civilization, its debt to other ancient civilizations and achievements in architecture, sculpture and painting from its foundation until the reign of Constantine.

448a-3 Early Christian and Byzantine Art. A survey of problems related to art and architecture produced in Christian communities and under the aegis of the Byzantine Empire until the Fall of Constantinople.

448b-3 Early Medieval and Romanesque Art. A study of the development of architecture and Art in Europe from the fall of the Roman Empire to the formulation of the Gothic style.

448c-3 Gothic Art. A survey of major developments in Architecture, Sculpture, and painting in Europe from the earliest formulation of Gothic Style to its decline in the Renaissance period.

449a-3 Art of the Renaissance in Europe. A study of developments in art during the 15th Century in Italy and the Lowlands leading to the High Renaissance and its impact in European painting, sculpture, and architecture of the 16th Century. Prerequisite: 225a,b,c.

449b-3 Baroque Art in Europe. A study of the formation of national style in the arts of Italy, Spain, Austria, Germany, France, Flanders and Holland from the 16th Century to the 17th Centuries with particular attention to major masters.

449c-3 The Art of 18th Century Europe. A study of architecture, sculpture and painting in European countries and colonies from the end of the 17th Century to the French Revolution with particular emphasis on the Rococo Art of Italy, England, Spain and France.

455-15 (3,3,3,3,3) Advanced Art History. In depth analysis of the inception, development, and decline of art of the following periods: (a) Ancient, (b) Middle Ages, (c) Renaissance, (d) Early American, (e) Modern. Prerequisite: 225.

458-6 (3,3) Methodology of Art History and Criticism. Lecture, discussion and presentation of (a) the research tools of art history and (b) history of art criticism with practical experience in both areas.

459-6 (3,3) Museology-Seminar. A survey of gallery and museum techniques.

460-2 to 12 Research in Art Education. Students demonstrate via class presentations, term papers, and answers to written examinations knowledge of basic research techniques, findings and applications; important literature of art education; and broad research meanings. Prerequisite: 307.

461-4 Art Education for Elementary Teachers II. Follows the Art 300 sequence (a-c) in greater depth with emphasis on correlating art involvement with art history, intercultural understanding, experience with team teaching and more mature self-assigned studio experiences adaptable to the elementary art curriculum. Prerequisite: 300a and b.

466-2 to 12 Studio in Art Education. Students demonstrate via individual studio projects, term papers and class critiques understanding of individual teacher-directed self-evaluative teaching methods.

501-2 to 24 Painting II.

503-2 to 24 Drawing II.

504-2 to 24 Sculpture II. Prerequisite: consent of instructor.

511-2 to 24 Printmaking II. Prerequisite: consent of instructor.

515-2 to 24 Weaving II.

520-2 to 24 Ceramics II.

530-2 to 24 Metalsmithing II.



**558-2 to 5 Readings in Art History.** Individual assistance and investigation to discover new meaning and involvement in graduate studio work through the literature of art.

**559-3 to 12 Problems in Art History.** Group seminar to discuss and present aspects of the history of art in relation to both traditional and contemporary artistic concerns.

**560-2 to 12 Seminar in Art Education.** Students show evidence, via class presentations, term papers and evaluations of individual and/or group projects, of understanding important literature, developments and trends in the field of art education. Prerequisite: bachelor's degree in art education.

**566-2 to 12 Research in Art Education.** Students show through class presentations, term papers, surveys of research reports and formulations of research designs, understanding of advanced art education research procedures, analyses and implications. Prerequisite: bachelor's degree in art education.

## Biology

There is no graduate program in biology (see Chapter 2 for Biological Sciences). Four hundred level courses in biology may be taken for graduate credit, however, unless otherwise indicated in the course description.

**401-4 Ecology.** Course designed to present principles and methods of present-day ecology.

## Black American Studies

There is no graduate program in Black American Studies. Four hundred level courses may be taken for graduate credit, however, unless otherwise indicated in the course description.

**409-8 (4,4) Black American Social Problems.** Comparative study of the social problems which afflict black Americans and their consequences including crime and delinquency, mental and emotional disorders, drug addiction, housing condition, poverty and unemployment, and labor conditions. Must be taken in a,b sequence. Not for graduate credit. Prerequisite: consent of instructor.

## Botany

**400-5 Plant Anatomy.** An introduction to cell division, development, and maturation of the structures of the vascular plants. Laboratory fee \$5. Prerequisites: 301 or consent of instructor.

**404-5 The Algae.** Structure, development, and relationships of the algae. Laboratory and some field work. Laboratory fee. Prerequisite: 300.

**405-5 Mycology.** Structure, development, and relationships of the fungi. Problems of economic and scientific interest stressed. Laboratory. Prerequisite: 300.

**406-5 Industrial Mycology.** A consideration of the myriad ways in which fungi impinge on man's affairs, with special emphasis upon their various industrial application—real and potential. 3 lectures and 4 laboratory hours per week. Prerequisite: 405 or consent of instructor.

**410-4 The Taxonomy and Ecology of Bryophytes and Lichens.** Floristic studies of the moss, liverwort, and lichen communities of southern Illinois. Prerequisite: consent of instructor.

**411-4 The Bryophytes and Pteridophytes.** Structure, development, and relationships of the liverworts and mosses, and the ferns and fern allies. Laboratory. Prerequisite: 301.

**412-4 The Spermatophytes.** Structure, development, and relationships of the gymnosperms and angiosperms. Laboratory fee. Prerequisites: 301, GSA 303.

**414-5 Paleobotany.** (Same as Geology 414.) An introduction to the study of fossil plants emphasizing the major features of plant evolution and the applications of paleobotany to problems in the botanical and geological sciences. Lecture, laboratory, and field trips. Student cost about \$5. Prerequisite: 301 or Geology 221.

**420-4 Physiology of Fungi.** A treatment of the physiological activities of fungi

with particular stress upon (1) those aspects peculiar to the group by virtue of their being nonchlorophyllous plants, and (2) an exploration of the possible explanations of the parasitic vs. the saprophytic habit. Prerequisite: consent of instructor.

**425-15 (5,5,5) Advanced Plant Physiology.** (a) Physics of the plant, water relations, membrane phenomena, photobiology. (b) Chemistry of the plant, anabolic and catabolic processes, photosynthesis, respiration, chemosynthesis. (c) Covers the absorption, translocation, function and interaction of inorganic nutrient elements in green plants with application to forest, agronomic, and horticultural species. Prerequisites: 320, Chemistry 305, or a chemistry minor.

**428-3 Plant Nutrition.** The physiological importance of carbon-, nitrogen-, and phosphorus-containing compounds is stressed. Prerequisites: organic chemistry, minor in botany or agriculture.

**440-14 (4,5,5) Advanced Ecology.** (a) management and ecology of grasses and grasslands, (b) physiology and autecology of forest species, (c) sampling methods and community analysis. Prerequisite: Biology 307 or consent of department.

**441-4 Field Studies of the Lower Plants.** Field course designed to learn the names of the macroscopic algae, fungi, lichens, and bryophytes in southern Illinois. Emphasis on distinguishing characteristics and economic importance.

**442-4 Field Studies of the Higher Plants.** Field course designed to learn the names of ferns, trees, and wildflowers in southern Illinois. Emphasis on distinguishing characteristics and economic importance.

**446-12 Tropical Ecology.** Three weeks of marine ecology on the atolls and extensive barrier reef near Belize, British Honduras, and three weeks of terrestrial ecology at several locations inland. Prerequisite: advanced undergraduate or graduate standing in one of the biological sciences.

**447A-4 to 12 Botanical Field Studies in Latin America.** Four to eight weeks long. Acquaints students with plants in various environments of Latin America and with methods of field study, collection, and preservation. Cost per individual will be determined by type of study and location. Prerequisite: advanced standing in one of the biological sciences and consent of instructor.

**447B-4 to 12 Botanical Field Studies in the Rocky Mountains.** Acquaints students with plants in various environments of the Rocky Mountain region and with methods of field study, collection, and preservation. Cost per individual approximately \$250, which includes room and board at the Yellowstone Bear-tooth Camp near Red Lodge, Montana. Prerequisite: advanced standing in one of the biological sciences and consent of instructor.

**449-3 Elements of Taxonomy.** Principles of taxonomic research including classical and experimental methods. 1 lecture and 4 laboratory hours per week. Field and laboratory expenses \$5. Prerequisite: GSA 303 or equivalent, or consent of instructor.

**450-3 Plant Geography.** World distribution of plants and plant communities related to historical, environmental, and floristic factors. Prerequisite: consent of instructor.

**456-5 Plant Pathology.** (Same as Plant Industries 355.) A study of plant diseases caused by fungi, bacteria, and viruses. Special attention given diseases of southern Illinois plants. Laboratory and field trips. Laboratory fee. Prerequisite: consent of instructor.

**457-4 Forest Pathology.** Nature and control of forest and shade tree diseases. A study of tree diseases in forests, parks, streets, and nurseries. Fungi important in decay and stain of timber and its products are included. Laboratory fee. Prerequisite: 456 or consent of instructor.

**470-4 Methods of Teaching High School Biology.** Methods, objectives, types of courses taught in secondary school biology. Laboratory and field trips. Prerequisite: major in botany or zoology.

**484-4 Palynology.** (See Geology 484).

**490-6 (4,2) Photographic Methods in Scientific and Biological Photography.** (a) Black and White. (b) Color. Specimen photography, photomicrography, macrophotography, infrared and ultraviolet photography. Slides for presentation, materials and methods used in scientific publications. Prerequisite: consent of instructor.

**500-5 Biosystematic Plant Anatomy.** Study of the taxonomic implications of developmental and positional variation of tissues and cell types within plants. Two lecture and six laboratory hours per week. Prerequisite: 400. Recommended: 412, 449.



**503-20 (5,5,5,5) Advanced Angiosperm Taxonomy.** Systematic treatment of all families of (a,b,c) dicotyledoneae and (d) monocotyledoneae. Prerequisite: consent of instructor.

**522-5 Advanced Microtechnique.** Preparation and presentation of research materials. Laboratory work only. Prerequisite: consent of department. Credit on work completed.

**524-3 Advanced Plant Genetics.** A consideration of incompatibility systems, paramutation, cytoplasmic inheritance, developmental genetics, and other genetic topics as they occur in higher plants. Prerequisite: Biology 305 or equivalent.

**525-5 Cytology.** (Same as Zoology 525.) Physiochemical, chemical, and morphological organization of the cell. Ultrastructure of the cellular organelles. Cytochemical and submicroscopical organization of the hereditary material. Morphology and function of the spindle of the nucleus and chromosomes during the mitotic cycle. Synthesis and replication of nucleic acids. RNA and protein synthesis. The genetic code. Enzymes and cell metabolism. Prerequisite: Biology 305.

**526-5 Cytogenetics.** Correlation of cytology with genetics. Cell mechanics and nuclear division. Mitosis, meiosis, crossing over and mapping of chromosomes. Mutation, mitotic agents, effect of irradiation, polyploidy, structural aberrations, polytene chromosomes. Synthesis of new species, comparative karyomorphology. Evolution and cytogenetics. Prerequisite: 525 or consent of instructor.

**533-3 to 4 Growth and Development in Plants.** External and internal factors as they effect development and growth of plants, photoperiodism, and the role of growth-promoting substances. 1 hour to be arranged. Prerequisite: 320 or consent of instructor.

**535-3 Energetics of Aquatic Ecosystems.** Energy flows in aquatic habitats; photosynthesis and respiration rate determinations under natural and laboratory conditions; determination of dominant genera in the communities; daily and annual energy budgets; factors influencing utilization of light by biotic systems; influence of daily and annual energy budgets on stratification on current systems, and on seasonal succession in the community. Prerequisite: consent of instructor.

**542-3 Biosystematics.** An examination of species concepts and factors effecting the formation of species. Evidence from the fields of genecology, cytotaxonomy, genetics, numerical taxonomy, and chromotography are discussed as well as the phenomena of hybridization, polyploidy, and apomixis. Prerequisite: Biology 305.

**543-5 Experimental Ecology.** Experiments on plant response to environmental factors. Design of experiments, statistical methods, presentation of individual research findings. Laboratory. Prerequisites: 320, GSA 340, or consent of instructor.

**551-4 The Natural Vegetation of the Mississippi Basin, Upland.** Floristic studies of the upland vegetation which occurs in the central basin of the Mississippi River. Student cost \$10. Prerequisite: GSA 303 or consent of instructor.

**552-4 Mississippi Flora, Aquatic.** An analysis of the aquatic vegetation of the Central Mississippi basin, discussing importance to wildlife. Student cost \$10. Prerequisite: GSA 303 or consent of instructor.

**555-12 (4,4,4) Advanced Plant Pathology.** (a) A study of facultative fungal parasitism with emphasis on the physiology of host-parasite interactions. (b) A study of obligate fungal parasitism with emphasis on the physiology of host-parasite interactions. (c) A study of bacterial and viral parasitism with emphasis on the physiology of host-parasite interactions and biochemistry of virus reproduction. Prerequisite: 456 or consent of instructor.

**570-2 to 5 Readings.**

**580A-1 to 3 Seminar.** Prerequisite: botany major.

**580B-2 Plant Ecology Seminar.** Designed to acquaint the student with classical, contemporary or controversial aspects of plant ecology. Prerequisite: GSA 340 or consent of instructor.

**581-4 Advanced Systematics.**

**584-3 Advanced Palynology.** (See Geology 584.) Prerequisite: 484.

**590-2 to 4 Introduction to Research.** Methods of presentation of research materials, including written reports, graphs, photographs, bibliographies. Taxonomy students learn to write keys and descriptions; Botanical Latin; nomenclature.



**591-3 to 9 Research.** Assignments involving research and individual problems. Prerequisite: consent of department.

**599-3 to 9 Thesis.** Work in the research for and presentation of a thesis. Not more than 9 hours nor fewer than 5 hours will be allowed on thesis work. Total hours in 591 and 599 cannot exceed 15 hours to be applied to the master's degree.

**600-1 to 36 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Business Administration

Courses in this listing require admission to the MBA program or clearance through the assistant dean for graduate study in business administration.

**500-4 Research Methods and Communications.** Analysis and functional applications of the communication process in the planning, design and presentation of business research data. Provision of a rationale for subsequent studies involving investigative methods. Prerequisite: enrollment in MBA program or consent of instructor.

**501-4 Quantitative Methods for Decision Making.** Study of the means for testing the validity and reliability of managerial conclusions. Selected areas include criteria development, value analysis, and statistical analysis, including both parametric and non-parametric applications of analysis. Prerequisite: enrollment in MBA program or consent of instructor.

**502-4 Business and Society.** Study of the external environment of business; social, political, legal, and ethical dimensions; conflicts of business-labor-government power groups. Social responsibilities in the formulation of a business management philosophy. Prerequisite: enrollment in MBA program or consent of instructor.

**510-4 Managerial Accounting and Control.** Relationship of accounting to the functions of production, finance, and distribution; emphasis is given to the usefulness of accounting in administering and controlling an enterprise. Prerequisite: enrollment in MBA program or consent of instructor.

**511-4 Accounting Theory.** Contemporary advanced accounting theory, including controversial issues with emphasis on net income determination and asset valuation; particular attention given to current publications of the professional and governmental agencies. Prerequisite: enrollment in MBA program or consent of instructor.

**512-4 Advanced Auditing.** Development of auditing theory and its implications for auditing practice; emphasis on auditing standards and concepts, pronouncements and bulletins of the American Institute of Certified Public Accountants, and current literature. Prerequisite: enrollment in MBA program or consent of instructor.

**513-4 CPA and Advanced Accounting Problems.** Highly technical problems not covered in undergraduate courses primarily drawn from the American Institute of Certified Public Accountants' examinations. Prerequisite: enrollment in MBA program or consent of instructor.

**514-4 Controllership.** Function of controllership in a business organization; analysis of the duties and responsibilities of a controller; contribution of a controller to effective planning, coordination, and control through accounting; case studies. Prerequisite: enrollment in MBA program or consent of instructor.

**519-4 Seminar in Accounting.** Discussion of current problems and theories in accounting. Prerequisite: enrollment in MBA program or consent of instructor.

**521-4 Business Conditions Analysis.** Intensive review of national income accounting and macro theory. Source material and analytical techniques. Student required to make detailed forecast of gross national product, industry, and a company projection. Prerequisite: enrollment in MBA program or consent of instructor.

**526-4 Managerial Economics.** Develops conceptual framework for business decision making with emphasis on demand, costs, prices, and profits. Credit may not be earned in both Economics 440 and this course. Prerequisite: enrollment in MBA program or consent of instructor.

**530-4 Financial Management.** A study of financial principles and practices with special emphasis on their relation to managerial planning and control. Prerequisite: enrollment in MBA program or consent of instructor.

**531-4 Financial Policies.** An evaluation of selected financial policies of cor-



porate enterprise with emphasis on capital budgeting, on the equity and current position. Prerequisite: enrollment in MBA program or consent of instructor.

**532-4 Financial Institutions and Markets.** The principal financial institutions and markets will be studied in relation to their contribution to the efficient operation of the individual enterprise and the total economy. Prerequisite: enrollment in MBA program or consent of instructor.

**533-4 Investment Concepts.** Fixed return and variable return securities, investment services, industry and issue analysis, empirical studies of groups and individual stock price movements. Prerequisite: enrollment in MBA program or consent of instructor.

**539-4 Seminar in Finance.** Current issues and practices in business finance. Each student will select a problem for intensive exploration and report his findings to the class. Prerequisite: enrollment in MBA program or consent of instructor.

**540-4 Managerial and Organization Behavior.** Case analyses of human problems in the business organization. Application of findings of behavioral science research to organizational problems. Development of direction and leadership skills. Prerequisite: enrollment in MBA program or consent of instructor.

**541-4 Operations Analysis and System Controls.** Study of production functions of the firm. Analyses of operational inter-relations, design of planning procedures, and the application of control systems. Prerequisite: enrollment in MBA program or consent of instructor.

**542-4 History and Theory of Management.** An analytical study of the background and growth of management theory from its early beginnings to the present. Emphasis will be largely on the theory and practice of business management. Prerequisite: enrollment in MBA program or consent of instructor.

**543-4 Personnel Management.** Review of recent developments and current trends in personnel administration based on evaluation of the present state of the literature. Prerequisite: enrollment in MBA program or consent of instructor.

**544-4 Production Management.** Study of the production function associated with various kinds of businesses. Concern is on the integration of production with other functions of business. Analyses with focus upon managerial problems. Prerequisite: enrollment in MBA program or consent of instructor.

**549-4 Seminar in Management.** Study of contemporary theory and practice and recent trends in the field of management. Individual and group research reports. Prerequisite: enrollment in MBA program or consent of instructor.

**550-4 Marketing Management.** A managerial approach in the determination of policies employed in solving problems in marketing. Prerequisite: enrollment in MBA program or consent of instructor.

**551-4 Product Strategy and Management.** Product management and its relationships with business policies and procedures; the development of multi-product strategies, means of developing such strategies, and the problems and methods of commercialization. Prerequisite: enrollment in MBA program or consent of instructor.

**552-4 Advanced Marketing Analysis.** The development of advanced procedures, methods and theory of quantitative and qualitative analysis of primary and secondary marketing data. Prerequisite: enrollment in MBA program or consent of instructor.

**553-4 Logistics Management.** The planning, operation, organization, and management of the logistics system of the firm. Topics: transportation and location as elements of the system, inventories and service as constraints upon the system. Prerequisite: enrollment in MBA programs or consent of instructor.

**554-4 Marketing Theory.** Emphasis on evaluation of the role of theory in explaining and understanding the marketing function. Theory in related disciplines considered in regard to evolving marketing theory. Prerequisite: enrollment in MBA program or consent of instructor.

**555-4 Consumer Behavior.** Emphasis on theories and experimental techniques drawn from the behavioral sciences. Prerequisite: enrollment in MBA program or consent of instructor.

**559-4 Seminar in Marketing.** Students select and defend, on an individual basis, problems in marketing theory, research, and policy. May be repeated once with consent of department. Prerequisite: enrollment in MBA program or consent of instructor.



**580-4 International Business Operations.** International dimensions of a firm's operations. Alternative methods for reaching foreign markets, operational adjustments, and specific problems in dealing with foreign environments. Prerequisite: enrollment in MBA program or consent of instructor.

**590-4 Independent Study.** Directed independent study in selected areas of business administration. Prerequisite: enrollment in MBA program or consent of instructor.

**598-4 Business Policies.** A decision-making frame of reference for application of functional and tool area courses to business cases. Analysis of external and internal environmental constraints on business policy formulation and administration. Prerequisite: enrollment in MBA program or consent of instructor.

**599-4 to 8 Thesis.** Prerequisite: enrollment in MBA program or consent of instructor.

#### ACCOUNTANCY

There is no graduate degree program offered through the Department of Accountancy. Four hundred level courses in this department may be taken for graduate credit, however, unless otherwise indicated in the course description.

**410-4 Accounting Concepts.** Interpretation and critical analysis of reports, statements, and other accounting data from the viewpoint of users of financial information. Restricted to graduate students.

**432-4 Problems in Federal Taxation.** Study of income tax problems which arise from partnership, corporation, estate, and trust types of organization. Brief study of social security, federal estate, and gift taxes. Student does research in source materials in arriving at solutions of complicated tax problems. Prerequisite: 331.

**442-4 Advanced Cost Accounting.** Managerial decision-making, profit planning and control through direct and relevant costing, nonmanufacturing costs, return on investment and transfer pricing, capital budgeting, inventory models, subjective probabilities, statistical methods, and operations research. Prerequisite: 341.

**453-4 Advanced Accounting.** Accounting principles and procedures relating to specialized topics, including partnership equity, installment and consignment sales, fiduciaries, international operations, branches, and business combinations. Prerequisite: 351b.

**455-4 Accounting for Public Organizations.** Financial and managerial accounting concepts peculiar to the planning and administration of public and quasi-public organizations, such as governmental units, institutions, and charitable organizations. Includes the conventional budgetary-appropriation prices, as well as some of the more recent accounting developments related to public decision making. Prerequisite: 251b or equivalent.

**456-4 Auditing.** Objectives, standards, and procedures involved in examining and reporting on financial statements of business organizations. Prerequisite: 341 and 351b.

**458-4 Accounting Systems.** Accounting systems, design, and installation. Examination of existing systems and practice in systems design. Designing reports for management. Prerequisite: 341, 351b.

**459-4 Internship in Accounting.** Supervised work experience in professional accounting. Prerequisite: outstanding record in accounting and approval of department and firm. Mandatory Pass/Fail.

**475-4 Budgeting and Systems.** Concepts, methods, and tools used in the design of management information systems. Techniques developed to identify problems in coordinating and controlling business activities. Prerequisite: 251b.

**477-4 Current Developments in Accounting Theory.** Critical analysis of current developments in accounting theory, especially as reflected in the publications of major accounting association. Prerequisite: 351b and consent of instructor.

#### ADMINISTRATIVE SCIENCES

There is no graduate program offered through the Department of Administrative Sciences. Four hundred level courses in this department may be



taken for graduate credit, however, unless otherwise indicated in the course description.

**402-1 Personal Adjustment to Business.** The job placement process and the work environment from the viewpoint of the applicant. Emphasis on career planning, manpower analysis, placement and interviewing techniques with a stress on the transition from the academic community to the business and professional environment. Not offered for graduate credit. Prerequisite: senior standing.

**431-4 Organizational Behavior II.** A study of classical and modern theories concerning complex organizations. Particular emphasis on processes and issues of dividing work, achieving coordination, and organizational change and adaptation. Prerequisite: 341, or consent of instructor.

**440-4 The Management Process.** Analysis of management theories and the administrative process. Specific managerial activities are analyzed and discussed. Functional relationships in administered organizations are explored. Restricted to graduate students who have not taken 340 or equivalent.

**452-4 Business Operations Analysis.** Analysis of business operations and management problems emphasizing problem formulation, performance measures, decision criteria and various mathematical models and their application; linear programming, game theory. Prerequisite: 340; Mathematics 140a, or equivalent; GSD 110 or equivalent; or consent of instructor.

**456-4 Management Information Systems.** Organizational activities and informational requirements of management viewed as systems modeled for systematic investigation leading to effective management and decision making. Representative management systems studied, charted, and manipulated. Prerequisite: 340, 345, 452.

**460-4 Work Measurement For Wage and Salary Control.** Research design and methodology for wage and salary administration in an organization; fundamental considerations in evaluating jobs and positions; compensation methods and wage incentive systems. Prerequisite: 385.

**474-4 Management Responsibility in Society.** Analysis of the political, social, and economic environments in which the manager must function and the manner in which the executive has both adapted to and influenced his environment. Prerequisite: 340, senior standing, or consent of instructor.

**479-4 Problems in Business and Economics.** (Same as Economics 479.) Applications of economic theory and tools of analysis to practical business problems. Cost and demand functions are analyzed from a policy standpoint. Prerequisite: 340; Economics 215, 308, or equivalent; Marketing 301 or equivalent; senior standing; or consent of instructor.

**480-4 Recent Problems in Labor Law.** Social, economic, and legal evaluation of recent labor problems, court decisions, and legislation. Concern is on long-run legislative impact on manpower planning, dispute settlement, and utilization of employment resources. Prerequisite: 385 or consent of instructor.

**481-4 Administrative Policy.** Integration and analytical application of business core courses to comprehensive business cases. Emphasis on policy issues in the identification and resolution of business problems. Methods of providing simulated experience such as business gaming will be used where appropriate. Prerequisite: 340, Finance 320, Marketing 301, or equivalent.

**483-4 Advanced Production Management.** Internal problems of managerial control of production including recent developments in theory and techniques: case material will be utilized for the development of analytical ability. Prerequisite: 380.

**485-4 Problems in Personnel Management.** Analysis of problems in personnel administration arising from the current developments in organization. Included are case problems, special reports, and personnel practices. Prerequisite: 361, 385.

**499-1 to 8 Special Topics in Management.** Utilizes special faculty resources. Prerequisite: 16 hours in business and consent of chairman.

## FINANCE

There is no graduate program offered through the Department of Finance. Four hundred level courses may be taken for graduate credit, however, unless otherwise indicated in the course description.

**421-4 Management of Business Finance.** The principal problems of managing

the financial operation of an enterprise. Emphasis upon analysis and solutions of problems pertaining to policy decisions. Prerequisite: 320.

**422-4 Advanced Financial Management.** The development of ability to use sophisticated analytical tools by the discussion of case situations dealing primarily with capitalization, return on investment, and cost of capital. Prerequisite: 421.

**430-4 Business Finance.** An introductory course combining both a description of the structure of business financing and an analysis of functional finance from a managerial viewpoint. Restricted to graduate students.

**473-4 Government Regulation of Business.** Social and economic assessment of environmental factors influencing business policies and strategies. Emphasis is placed on legislation affecting competition and allocation of the firm's products and resources. Prerequisite: senior standing.

**475-4 Forecasting and Budgeting.** Methods and problems associated with the development of data used in planning financial activities. Prerequisite: 320.

**480-4 International Financial Management.** Financial behavior of multinational firms. Emphasis on the modifications of conventional financial models to incorporate uniquely foreign variables. Prerequisite: 320 and Economics 315.

### MARKETING

There is no graduate program offered through the Department of Marketing. Four hundred level courses may be taken for graduate credit, however, unless otherwise indicated in the course description.

**401-4 Retail Management.** Designed to present the basic principles and decision areas such as location, layout, organization, personnel, merchandise control, sales promotion, advertising, etc., of retail merchandising through a managerial perspective. Prerequisite: 301.

**438-4 Sales Management.** Developing and training a sales force. The different types of sales forces. Managing sales functions: determining salesmen's territories, quotas, compensation. Budget preparation. Development and implementing the merchandising plan. Prerequisite: 363.

**439-4 Industrial Marketing.** Designed to give an over-all view of the field of Industrial Marketing. Additional emphasis to be placed on decision criteria. Prerequisite: 363.

**450-4 Introduction to Managerial Marketing.** Designed to give an over-all view of the field of marketing and the field of marketing policy decisions. Cases are used to illustrate theory covered. Prerequisite: Restricted to graduate students.

**452-4 Physical Distribution Management.** Integration of physical distribution activities of the firm into a system. Transportation and location as elements of the system. Inventories and service as constraints upon the system. Planning, operation, organization, and management of the system. Prerequisite: 301, Economics 215.

**463-4 Advertising Management.** A study of advertising from the viewpoint of business management. Problems of integrating advertising into marketing programs and related advertising issues are emphasized. Prerequisite: 363 and 390.

**493-4 Marketing Policies.** A comprehensive and integrative view of marketing policy formulation. Marketing decisions analyzed and discussed. Prerequisite: 363, 390, and 4 additional hours in marketing.

**499-4 Undergraduate Seminar in Marketing.** Aspects and issues in the field of marketing. Seniors of high academic standing only. Prerequisite: by invitation, 16 hours of marketing.

### Chemistry and Biochemistry

All laboratory courses in chemistry and biochemistry require the student to purchase either special notebooks or workbooks, costing within the range of \$1.00 to \$6.00.

**411-4 Intermediate Inorganic Chemistry.** Modern inorganic chemistry involving atomic structure, chemical bonds, complexes, and chelate structures; chemistry of familiar and less familiar elements. 4 lecture hours per week. Prerequisite: 461c or 460 with consent of instructor.



**412-3 Inorganic Preparations.** A study of several important inorganic syntheses. 1 lecture and 6 laboratory hours per week. Prerequisites: 122c, 123c, 305c or 342c and 343c.

**416-4 X-Ray Crystallography.** (See Geology 416.) Prerequisite: Chemistry 122b, 123b, one year of college physics and Mathematics 150b.

**432-8 (4,4) Instrumental Analytical Measurements.** Theory and practice of instrumental analytical measurements, including spectrophotometric, electro-analytical, and chromatographic methods. 2 lecture and 6 laboratory hours per week. May be taken in either sequence. Corequisite: 461b.

**433-3 Intermediate Quantitative Analysis.** A study of the analysis of complex materials, with emphasis on separations, functional group analysis, and instrumental applications. 2 lecture and 3 laboratory hours per week. Prerequisites: 432a or b and 461c.

**438-3 Review of Analytical Chemistry.** A review in depth of current analytical practices in research and industry, including fundamental equilibria, separations, and modern instrumental techniques; designed to update graduate students who are deficient in these areas. Prerequisite: Chemistry 433 or equivalent.

**446-4 Qualitative Organic Analysis.** A systematic study of the separation and identification of organic compounds. 2 lecture and 6 laboratory hours per week. Prerequisite: 122c, 123c, 342c, 343c, or consent of instructor.

**450-4 Survey of Biochemistry.** Function and metabolism of amino acids, proteins, enzymes, carbohydrates, lipids, and nucleic acids. For preprofessional students, chemistry majors, and others with a one-year course in organic chemistry. Three lecture and three laboratory hours per week. Not offered for graduate credit. Prerequisite: 305c or 342c and 343c.

**451-9 (3,3,3) Biochemistry.** (a) Chemistry and functions of amino acids, proteins, and enzymes. (b) Carbohydrate chemistry, function, and metabolism; biochemical energetics; citric acid cycle; oxydative phosphorylation. (c) Photosynthesis; lipid chemistry, function, and metabolism; nitrogen metabolism; nucleic acid and protein biosynthesis; metabolic regulation. Prerequisite: 122c, 123c, and 305c or 342c and 343c.

**455-8 (4,4) Biochemistry Laboratory.** Modern biochemical laboratory techniques. (a) Isolation, purification, and characterization of constituents of living cells. (b) Investigations of pathways, kinetics, energetics, and regulatory mechanisms related to metabolism and enzymic activity. One lecture and 8 laboratory hours per week. Prerequisite: concurrent enrollment in 451b and c.

**460-5 Principles of Physical Chemistry.** A one-term course in physical chemistry designed especially for non-chemistry majors including prospective teachers of high school chemistry. Three hours of lecture and six hours laboratory per week, one hour of which will be used for special instruction. Prerequisite: 122c, 123c, and 305c or 342c and 343c, Mathematics 150b, and one year of physics or consent of department.

**461-12 (4,4,4) Physical Chemistry.** A fundamental course in physical chemistry. 3 lecture and 3 laboratory hours per week. Must be taken in a,b,c sequence. Prerequisite: 122c and 123c, 12 hours of physics, and Mathematics 252b.

**464-3 Introduction to Quantum Chemistry.** Quantum chemistry as applied to atoms and molecules. Three lecture hours per week. Prerequisite: 461c or consent of instructor.

**468-4 Elements of Physical Chemistry.** Open only to graduate students in chemistry whose diagnostic examinations indicate a need for this course, and to qualified non-chemistry majors. Prerequisites: twelve hours of physics, one year of calculus, and at least one year of chemistry.

**471-3 Industrial Chemistry.** A survey of modern industrial chemistry and an introduction to chemical research processes. 3 lecture hours per week. Prerequisite: 305c or 342c and 343c.

**472-12 (4,4,4) X-Ray Crystallography.** (Same as Engineering 402.) Prerequisite: 461b.

**490-2 Chemical Literature.** A description of the various sources of chemical information and the techniques for carrying out literature searches. 2 lecture hours per week. Prerequisites: 122c, 123c, and 305c or 342c and 343c, reading knowledge of German or consent of instructor.

**496-1 to 12 Chemical Problems.** Investigation of individual problems under the direction of a staff member. Prerequisite: consent of instructor and department chairman.

**504-3 Mechanisms and Syntheses in Organic Chemistry.** Examination of the



fundamental mechanisms and syntheses of organic chemistry. Prerequisite: 342c and 343c.

**511-9 (3,3,3) Advanced Inorganic Chemistry.** Lecture. (a) A theoretical and empirical treatment of chemical bonding and molecular structure. (b,c) Systematic treatment of physical-inorganic chemistry based on the principles learned in (a). The b,c sequence is not mandatory. Prerequisite: 461c.

**519-2 to 30 (2 to 6 per quarter) Advanced Topics in Inorganic Chemistry.** Selected topics such as kinetics of inorganic reactions, stereochemistry of inorganic systems, chemistry of coordination compounds, nonaqueous solvent systems, and others. Prerequisites: 511a and consent of instructor.

**531-3 Theory of Quantative Analysis.** The phenomena utilized in analytical chemistry with emphasis on separation, organic reagents, and complex methods. Lecture. Prerequisite: 433 or satisfactory field examination.

**532-3 Instrumental Methods of Analysis.** Theory and practice of instrumental measurements in analysis with emphasis on commercial samples and applications to research. Lecture and laboratory. Prerequisite: 432 or satisfactory field examination.

**539-2 to 30 (2 to 6 per quarter) Advanced Topics in Analytical Chemistry.** Selected topics such as microanalytical chemistry, absorption spectroscopy, and electroanalytic chemistry. Prerequisite: 432 and 531.

**541-3 Advanced Organic Chemistry.** An advanced course covering covalent bonding, structure, stereochemistry, reactions, reaction mechanisms, substituent effects, correlation of physical and chemical properties, and physical methods in organic chemistry. Lecture. Prerequisite: 504 or field examination.

**542-3 Advanced Organic Chemistry.** Continuation of Chemistry 541. Lecture. Prerequisite: 541.

**543-3 Advanced Organic Chemistry.** Continuation of Chemistry 542. Prerequisite: 542.

**547-3 to 6 Advanced Laboratory Preparations in Organic Chemistry.** Prerequisites: 446 and consent of instructor.

**549-2 to 30 (2 to 6 per quarter) Advanced Topics in Organic Chemistry.** Specialized topics in organic chemistry. The topic to be covered is announced by the department. Prerequisite: 543.

**552-3 Carbohydrate Chemistry.** Simple sugars, oligosaccharides, and polysaccharides. Three lecture hours per week. Prerequisite: 451c.

**553-3 Plant Biochemistry.** Three lecture hours per week. Prerequisite: 451c.

**554-3 Biochemical Mechanisms.** Molecular transformations in biochemistry in terms of general mechanistic principles in chemistry. 3 lecture hours per week. Prerequisite: 451c.

**556-9 (3,3,3) Advanced Biochemistry.** Protein and nucleic acid chemistry with emphasis on structure and function. Three lecture hours per week. Prerequisite: 451c.

**559-2 to 30 (2 to 6 per quarter) Advanced Topics in Biochemistry.** Selected topics such as enzymology and physical biochemistry. Prerequisite: 551.

**561-3 Chemical Thermodynamics.** Basic methods and theories as applied to chemical problems. Lecture. Prerequisites: 461c or consent of instructor.

**562-6 (3,3) Quantum Chemistry.** Basic Principles. Lecture. Prerequisite: 464 or consent of instructor.

**563-3 Chemical Dynamics.** Experimental description and classical theories of the rate of chemical reactions; kinetic theory of non-uniform gases and its application to reacting systems; molecular beam techniques. Lecture. Prerequisite: 461c.

**564-3 Statistical Thermodynamics.** Elements of statistical mechanics and application to relatively simple systems. Alternates with 563. Prerequisite: 562 or consent of instructor.

**569-2 to 30 (2 to 6 per quarter) Advanced Topics in Physical Chemistry.** Colloids and macromolecules, quantum chemistry of atoms, diatomic molecules or polyatomic molecules, statistical mechanics and others. Prerequisite: 561.

**594-1 to 15 (1 to 6 per quarter) Special Readings in Chemistry.** Assigned library work in any of the five fields of chemistry with individual instruction by a staff member. (a) Analytical. (b) Biochemistry. (c) Inorganic. (d) Organic. (e) Physical. Prerequisites: 24 hours of 500-level chemistry and consent of division.

**595-0 to 9 Advanced Seminar in Chemistry.** Advanced level talks presented by graduate students; (a) analytical, (b) biochemistry, (c) inorganic, (d) organic, and (e) physical chemistry. Prerequisite: 24 hours 500-level chemistry and consent of division.

- 598-1 to 48 Research. (Graded S/U.)** Prerequisite: consent of chairman.  
**599-1 to 9 Thesis.** Prerequisite: consent of chairman.  
**600-3 to 48 Dissertation—Doctoral.** Prerequisite: admission to Ph.D. candidacy.

### Child and Family

Graduate work in the Department of Child and Family is offered toward a concentration for the M.S. degree in home economics.

**408-2 to 12 Workshop.** Designed to aid workers in professions related to child and family. Emphasis for the workshop will be stated in the announcement of the course.

**445-4 Administration of Pre-School Programs.** Planning and organizing programs for preschool or residential facilities including budgeting, staffing, programming and evaluation. Prerequisite: 345a and 345b or consent of instructor.

**456-4 Infant Development.** Current theories and knowledge concerning growth and development of infants with related laboratory and field experiences. Prerequisite: 237 or Psychology 301 or equivalent.

**466-4 Practicum in Parent-Child Study.** Designed to increase student's ability to work with parents and parent groups through an awareness of factors in the parent-child relationship and knowledge of current research and methods in parent education. Integration with infant and child development laboratories and related field experience. Prerequisites: 227, 237 or equivalent.

**471-2 to 6 Field Experience.** Supervised learning experiences in community nursery schools and public agencies. Prerequisite: consent of instructor.

**481-2 to 6 Readings.** Child development and family living readings under staff supervision. Prerequisite: consent of instructor and chairman.

**490-4 Introduction to Marriage and Family Counseling.** Problems and techniques of premarital, marital, divorce, family, and family crisis counseling. Counseling individuals singly, in family units, and in groups. Prerequisite: 227 or equivalent and consent of instructor.

**500-4 Research Methods.** The study of principles of research design and basic techniques in child and family research. Prerequisite: Guidance 505, Mathematics 420 or consent of instructor.

**556-4 The Pre-School Child.** Growth of the child from birth to six years with emphasis on the various aspects of growth and their inter-relationships.

**562-4 Child Development through Home and School.** The normal, healthy development of children as it takes place in the home and is promoted by the curriculum and other school activities.

**566-4 Interpersonal Relationships within the Family.** A study of factors that promote satisfactions within the immediate family; planning and preparing teaching units, and source materials in this field.

**571-4 Recent Research.** Review of selected research in areas of child and family.

**572-2 to 8 Special Problems.** For qualified students who need to pursue certain topics further than regularly titled courses permit. Prerequisite: consent of chairman.

**599-2 to 9 Thesis.** Minimum of 5 hours counted toward a master's degree.

### Cinema and Photography

There is no graduate degree program offered through the Department of Cinema and Photography. Four hundred level courses in this department may be taken for graduate credit, however, unless otherwise indicated in the course description.

Students who take courses in the Department of Cinema and Photography supply their own film, photographic paper and certain specialized chemicals for still photography production courses, and film, processing, recording materials and editing supplies for motion picture production courses. In courses which involve analysis and screening a number of films, a \$5.00 screening fee is assessed. For some courses supplementary textbooks are required.

**403-4 Studio Portraiture.** Theory and practice of formal studio portrait photography. Prerequisite: 322 and consent of department.



- 404-4 Environmental Portraiture.** Theory and practice of formal and informal portraiture outside the studio. Prerequisite: 322.
- 405-4 Commercial Photography.** Study and use of studio lighting techniques for commercial photography. Prerequisite: 322 and consent of department.
- 406-4 Advanced Commercial Photography.** Assignments in areas of commercial photography in black and white and color. Prerequisite: 405.
- 407-4 Publications Photography.** Photographic news reporting with emphasis on single pictures and short picture stories. Prerequisite: 322.
- 408-4 Advanced Publications Photography.** Production of picture essays including research, lay-out, captions, and text. Black-and-white and color. Prerequisite: 407.
- 409-4 Picture Editing.** Picture usage and layout and methods of photographic reproduction for the mass media.
- 415-4 Technical and Scientific Photography.** Introduction to photographic methods used in science and research. Prerequisite: 322.
- 418-4 Documentary Photography.** Methods, approaches, and work in documentary photography. Prerequisite: 322.
- 420-4 Experimental Photography.** Experimental approaches to the creation of photographic images. Prerequisite: 322.
- 421-4 to 8 Personal Photographic Expression.** Development of personal vision in photography. Usually taken 4,4. Prerequisite: 322 and consent of department.
- 422-4 Advanced Color Photography.** Study and production of color photographs. Emphasis on experimental techniques. Prerequisite: 322.
- 450-4 Film and Society.** Major social issues associated with the cinema. Examination of attempts to regulate and control the medium. Prerequisite: 350 and consent of department.
- 456-1 to 6 Workshop in Film Production.** Crew work on university film productions. Prerequisite: consent of department and film production.
- 457-4 Mixed Media Production.** Multi-media theory. Creation and coordination of presentations involving visual and aural media. Prerequisite: 322 or 357 and consent of department.
- 458-1 to 12 Projects in Cinema and Photography.** Individual or crew projects in motion picture production or still photography. Usually taken 4,4,4. Prerequisite: consent of department.
- 460-4 History of the Silent Film.** Emphasis on the theatrical film to 1929. Screening fee. Prerequisite: 350 for cinema and photography majors.
- 461-4 History of the Sound Film.** Theatrical film from early sound experimentation to the present. Screening fee. Prerequisite: 350 for cinema and photography majors.
- 462-4 History of the Documentary Film.** The development of the documentary film as illustrated by the work of representative film makers. Screening fee. Prerequisite: 350 for cinema and photography majors.
- 463-4 History of the Experimental Film.** Survey of experimentation in cinema from the turn of the century, through the avant-garde periods, to contemporary independent films. Screening fee. Prerequisite: 350 for cinema and photography majors.
- 470-4 Special Cinematic Forms.** Innovation in technique and content in animated, advertising, and experimental films. Production of short innovative films. Prerequisite: 357 or equivalent and consent of department.
- 480-1 to 12 Individual Study in Cinema and Photography.** Research in history, theory, or aesthetics. Usually taken 4 per quarter. Prerequisite: consent of department.
- 490-4 Senior Thesis.** Preparation of a portfolio, film, research or critical paper under the supervision of a Cinema and Photography faculty member. Normally taken during the last quarter in residence, the senior thesis is evaluated by the departmental faculty, and is required of all majors. (Not for graduate credit) Prerequisite: consent of department. Mandatory Pass/Fail.

### Clothing and Textiles

Graduate work in the Department of Clothing and Textiles is offered toward a major concentration for the M.S. degree in home economics.

Students will be required to purchase additional supplies for some clothing and textiles courses.



**432-2 to 8 Workshop.** Discussion and analysis of current topics in clothing and textiles. Emphasis stated in announcement. Prerequisite: 8 hours in clothing and textiles.

**433-4 Custom Clothing Production.** Flat pattern and draping approaches to evolve patterns for various designs, figure types and fabrics; fitting; and custom finishes. Emphasis on work for custom business. Prerequisite: 333 and 364.

**434-4 History of Clothing.** Development of clothing in western civilization to the present time. Consideration of social, economic and esthetic factors and technical innovations influencing clothing. Prerequisite 329.

**435-4 Industrial Clothing Production.** Design of a line to specifications; drafting; toiles; mass-production costs; work flow; use of industrial equipment. Field trip required. Prerequisite: 333 and 364.

**470-3 Seminar.** Topics considered at level of design room, research laboratory, mill, store, and consumer. Prerequisite: consent of chairman.

**473-4 Advanced Tailoring.** Concepts developed during fitting and tailoring of male or female garments. Organization of work and time management. Prerequisite: 360 or proficiency.

**474-4 Advanced Textiles.** The physical and chemical analysis of textiles. Problems dealing with economic and industrial developments, standards, labeling, and legislation. Current literature of developments in the field. Prerequisites: 304 or equivalent.

**481-1 to 6 Readings.** Supervised study of clothing and textiles literature in area of special interest. Prerequisite: senior standing.

**500-4 Research Methods.** Study of methods of research in clothing and textiles. Critique of published literature and theses. Development of research design. Prerequisite: statistics.

**570-6 (3,3) Seminar.** Individual preparation and presentation of topics related to clothing or textiles. Prerequisite: consent of chairman.

**572-1 to 8 Special Problems.** Independent study for qualified students. Prerequisite: consent of chairman.

**582-4 Foundations of Fashion.** Anthropological approaches to fashion and socio-economic and psychological forces as determinants of fashion in modern times. Prerequisites: 329 and 339, or consent of chairman.

**583-3 (1,1,1) College Teaching of Clothing, Textiles.** Central ideas, objectives, and current practices. For preparation of college teachers.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Community Development

**401-4 Introduction to Community Development.** This survey includes an analysis of the history, values, and techniques of various approaches to community development and explores some of the specific social issues and problems which confront community development practitioners. Prerequisite: 4 hours of sociology or consent of instructor.

**402-4 Comparative Community Development.** Surveys the historic, economic, organizational, and other aspects of international community development programs under the auspices of world and regional agencies, or of multi-national, national, or local sponsorship, focusing primarily upon specific case studies. Prerequisite: 401, 4 hours sociology, or consent of instructor.

**490-1 to 8 Seminar in Community Development.** The identification and analysis of special problems in community development. Prerequisite: 401.

**499-1 to 5 Independent Study in Community Development.** Supervised study and projects in fitting with the needs of each student. Prerequisite: consent of instructor.

**501-4 Small Group Process in Community Development.** Review of the literature on small groups and the techniques of working with them. Examines small group processes, ranging from informal personal interaction to formal problem-solving and decision making. Special attention given to problems of communication and to the concept of role. Prerequisite: 401, consent of instructor.

**502-4 Community and Change.** Classical and modern theories of social change and their relevance and applicability to development problems. Helps students select and adapt these theories to a variety of situations both in this country and abroad. Prerequisite: 401, consent of instructor.



**503-4 Problems and Approaches to Community Development.** Focuses upon a range of CD problems and models and deals with selected skills necessary to the CD technician. Prerequisite: 401, consent of instructor.

**511-4 Laboratory in Small Group Process.** Application of CD as a problem-solving method in a small group situation. Problems of establishing goals and reaching them, and problems of power, resources, and decision-making are dealt with in a group setting. Prerequisite: 401, 501, or consent of instructor.

**512-4 The Change Agent in Planned Change.** Laboratory to parallel the substantive-theoretical content of 502. Utilizes case study, role playing, and participant observation approaches to explore, in depth, relations between theory and practice in the actual processes of community change. Prerequisite: 401 or consent of instructor.

**513-4 Laboratory in Consulting Styles and Techniques.** Emphasis upon the CD practitioner and how he works. Field consultants, community workers and organizers, and persons skilled in distinctive approaches to CD are brought into the classroom. Students also observe practitioners in the field and, as individuals or teams, participate in community change projects. Prerequisite: 401, 503, and consent of instructor.

**596-1 to 8 Independent Study in Community Development.** Independent study under the supervision of a faculty member in the Community Development Institute or work on a terminal research paper or advanced field project. Prerequisite: 401, consent of instructor.

**598-4 Research Seminar in Community Development.** Helps students planning individual field research projects, especially terminal research projects or master's theses. Prerequisite: 401, or consent of instructor.

**599-1 to 8 Thesis Research.** Credit is given for a master's thesis when it is accepted and approved by the thesis committee. Prerequisite: 401, 501, 502, 503, 511, and 598.

## Computer Science

**403-3 Data Structures.** Data, strings, stacks, arrays, lists, trees, storage systems and structures, searching and sorting, and list and string processing languages. Prerequisite: 302a.

**411-3 Structure of Programming Languages.** Introduction to the formal definition of a language. Representation and evaluation of arithmetic expressions. Extensive analysis of the structure of an algorithmic language. Prerequisite: 302a.

**414-3 Systems Programming I.** Interpretive systems, assemblers, loaders, compilers. Addressing techniques, program segmentation, and linkage. Explicit input-output references. Batch processing systems. Time sharing, multiprogramming, and multiprocessor systems. Prerequisite: 403.

**442-3 Discrete Structures.** (Same as Mathematics 428.) Review of sets, functions, and relations. Algebraic structures including semi-groups, groups, and Boolean algebras. Subalgebras, congruence relations, homomorphisms, and direct products. Elements of graph theory. Applications to various areas of computer science. Prerequisite: Mathematics 301.

**445-3 Applied Boolean Algebra.** (Same as Mathematics 429.) Applications to switching circuits and propositional logic. Circuit simplification, logical circuits, and sequential circuits. Prerequisite: 442.

**451-3 Introduction to the Theory of Computation.** (Same as Mathematics 451.) Automata, their behavior and basic properties. Turing machines. Examples and applications to computing functions and recognizing sets. The concept of an algorithm. Definition and examples of formal grammars. Prerequisite: 442 and either 445 or consent of instructor.

**461-6 (3,3) Numerical Calculus.** Algorithms for the solution of numerical problems encountered in scientific research work. Emphasis on the use of high speed, digital computers. Elementary discussion of error, polynomial interpolation, quadrature, solution of nonlinear equations and linear systems, matrix calculations, solution of differential equations. May not be taken for credit by graduate students in computer science or mathematics. Students may not receive credit for both 461 and 464. Must be taken in a,b sequence. Prerequisites: 202, Mathematics 305a, and 221.

**464-6 (3,3) Numerical Analysis I.** (Same as Mathematics 475.) Theory and practice of computation. Emphasis on methods useful with high speed digital



computers. Solution of nonlinear equations, interpolation and approximation, numerical differentiation and integration, solution of differential equations, matrix calculations and the solution of systems of linear equations. Students may not receive credit for both 461 and 464. Must be taken in a,b sequence. Prerequisite: 202, Mathematics 305a and 221.

**470-4 Theory of Simulation.** Methodology, including generation of random numbers and design of experiments. Discrete and continuous models for stochastic processes. Simulation languages. Emphasis on the use of the computer in constructing simulation models. Prerequisites: 202 and either Mathematics 150b or 140b.

**472-3 Introduction to Mathematical Programming.** (Same as Mathematics 472.) Theory of linear programming, game theory, dynamic programming. Prerequisite: Mathematics 221 or 321.

**495-1 to 9 Readings.** Supervised readings. Prerequisites: consent of instructor and department.

**514-3 Systems Programming II.** File system organization and management. Process and data modules. Remote and hierarchical job control. Characteristics of large systems. Command languages and interpreters. Commands of a multiprogramming system. Microprogramming. Prerequisite: 414.

**516-6 (3,3) Compiler Construction.** Review of grammars and languages. Structure of algorithmic languages. Syntactical description, algorithms for translation, string manipulation, formula manipulation. Storage allocation. Organization of a simple complete compiler. Automated compiler design and bootstrapping techniques. Machine independent compilers. Optimization techniques. Prerequisite: 403 and 411.

**518-3 Large-scale Information Processing Systems.** Data organization and storage structure techniques. Designing best systems by organizing files and segmenting problems into computer programs to make efficient use of hardware devices. Documentation methods and techniques for modifying systems. Prerequisite: 414.

**531-3 Information Structure and Retrieval Systems.** Natural language processing on digital computers. Structure of semiformal languages and models for the representation of structured information. Semiautomatic and automatic retrieval systems. Evaluation of retrieval effectiveness. Prerequisite: 403.

**536-3 Artificial Intelligence and Heuristic Programming.** Selected topics from heuristic methods, problem-solving, game-playing, theorem-proving, pattern recognition, learning and adaptive systems, and simulation of natural systems. Prerequisite: 403.

**551-3 Automata Theory.** (Same as Mathematics 528.) Finite automata, decision problems, regular sets, and derivatives and star heights of regular expressions. Algebraic analysis of automata. Emphasis on semigroup and decomposition theory. Probabilistic automata. Prerequisite: 451.

**554-3 Formal Languages.** (Same as Mathematics 527.) Grammars including regular, context-free, context-sensitive, and type 0 phrase structure. Normal forms, restricted grammars, post productions. The relation between grammars and abstract machines. Decision problems of formal languages. Prerequisite: 451.

**557-3 Theory of Computability.** (Same as Mathematics 529.) Turing machines and recursive functions. Church's thesis. Solvable and unsolvable problems including the halting problem. Recursively enumerable sets. Complexity classification. Prerequisite: 451 or consent of instructor.

**564-6 (3,3) Numerical Analysis II.** (Same as Mathematics 572) Mathematical and computer-oriented treatment of numerical problems in linear algebra and the solution of ordinary and partial differential equations, integral equations, and boundary value problems. Prerequisite: consent of instructor.

**590-1 to 18 Special Topics.** Advanced topics from the various fields of computer science. Prerequisite: consent of the instructor.

**593-1 to 9 Seminar.** Supervised study. Preparation and presentation of reports. Prerequisite: consent of instructor.

**595-1 to 9 Readings.** Supervised readings. Prerequisites: consent of instructor and department.

**597-1 to 9 Special Problems.** Individual projects. Prerequisite: consent of department.

**599-1 to 9 Thesis.** Minimum of 5 hours counted toward a master's degree. Prerequisite: consent of department.



## Design

**420-2 Portfolio and Display Techniques.** Assist the student in planning and preparing a portfolio and resume for approaching his segment of the job market. (Offered for undergraduate credit only.) Prerequisite: Senior standing in Design or consent of instructor, and undergraduate status.

**430-4 to 8 Advanced Visual Communication.** Advanced work in visual design, with emphasis on creative research, and experimental design solutions to two- and three-dimensional communication problems. (Offered for undergraduate credit only.) Prerequisite: 335 or consent of instructor and undergraduate status.

**435-24 (8,8,8) Human Communications Design Lab.** Exploration and visual design as applied to various mediums of communication. (Offered for undergraduate credit only.) Prerequisite: design major or consent of instructor and undergraduate status.

**445-24 (8,8,8) Computer Graphics Lab.** Creative utilization of existing computer programs; designing graphic qualities in the final output and learning to direct resources economically toward a successful end product, i.e., plots, documents, slides, film, etc. (Offered for undergraduate credit only.) Prerequisite: 335, 340 or 341 or consent of instructor and undergraduate status.

**450-4 Further Structural Studies.** Further studies of ideas introduced in Design 350 and Design 351. Offered for undergraduate credit only. Prerequisite: consent of instructor and undergraduate status.

**462-24 (8,8,8) Design and Environment.** Practical experience through projects in cooperation with outside organizations. Analysis of a problem; develop, communicate and implement solutions. Need not be taken in sequence. Offered for undergraduate credit only. Prerequisite: design major or consent of instructor and undergraduate status.

**464-24 (8,8,8) Human Settlement-Practice of Design.** Using the theoretical criteria already developed, to study and propose design outlines to future patterns of human settlement. Offered for undergraduate credit only. Prerequisite: 354 and undergraduate status.

**485-24 (8,8,8) Design Science Lab.** Procedural methodology and systems approach to comprehensive design science. Offered for undergraduate credit only. Prerequisite: senior standing in design or consent of instructor and undergraduate status.

**491-4 to 24 Senior Seminar in Design.** Special projects in design developed with adjunct and visiting professors. Offered for undergraduate credit only. Prerequisite: consent of department and undergraduate status.

**496-4 to 12 Special Problems in Design.** Independent design project developed by student in conjunction with faculty sponsor and approved by department chairman. Offered for undergraduate credit only. Prerequisite: senior standing in Design and consent of department and undergraduate status.

**499-4 to 12 Senior Honors Research.** Research projects for senior honors students developed by the student and faculty sponsor and approved by department chairman. Offered for undergraduate credit only. Prerequisite: senior standing in Design and consent of instructor and undergraduate status.

**520-4 to 10 Educational Tool Systems.** Designs of specialized instructional tools, including design of learning environments and ancillary support systems for programmed learning.

**530-4 to 12 Studies in the Industrial Process.** Design of products and product systems utilizing contemporary technology for solutions to significant human needs.

**535-4 to 12 Research in Product Design.** Studies of specialized needs or problem areas (i.e., equipment for the handicapped, needs of underdeveloped areas, etc.).

**540-4 to 12 Studies in Communications Design.** Concerned with the over-all systems of human communications, including visual and graphic media.

**545-4 to 12 Research in Communications Design.** Specialized areas of visual and graphic communication extended through various technical systems. Development of related systems involving the whole range of communications included.

**550-2 to 16 Field Study in Design.** Design activity (local, national, or international) carried out with a designated faculty member as liaison. Written report assigned and final report required. All projects must have written approval by the chairman and the liaison faculty member.



**560-4 to 12 Environmental Control.** Selected studies in environ control systems, with particular reference to latest technical advances (i.e., closed ecology and autonomous systems developments) and to contributions in the study of human environment control by other disciplines.

**570-4 to 12 Design Science Exploration.** Procedural methodology and systems approach to comprehensive anticipatory design science.

**575-4 World Ecological Studies.** Review and analysis of man's present socio-economic situation in terms of scientific and technological trending-material and energy resources, human ecology networks.

**576-4 to 8 Structural Evolution.** Structural morphology and relational hierarchies in science and technology. Differentiation and evolution of industrial tool complex: analysis of world service industry networks.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Economics

**411-4 Collective Bargaining and Dispute Settlement.** Nature, issues, procedures, economic effects. Analysis of actual collective bargaining situations. Prerequisite: 310 or consent of instructor.

**416-4 Money and Banking II.** Emphasis upon the Federal Reserve System and other banking systems. Prerequisite: 315 or consent of instructor (C); 300 (E).

**418-4 Economic History of Europe.** A survey of the economic growth of Europe with emphasis upon the development of European agriculture, industry, finance, and international trade since 1750. Prerequisite: 214, or consent of instructor.

**419-4 Latin American Economic Development.** A survey of the resource base of Latin American economic development with special reference to the problems of transition from an export-import to an integrated industrial economy; monetary policies; problems of economic planning. Prerequisite: 214, or consent of instructor.

**420-8 (4,4) Economic Development of the United States.** (a) Economic Development of the U.S. to 1900. The main forces in the development of the U.S. economy from discovery to the end of the 19th century. Stresses the use of economic theory in historical analysis. (b) Recent Economic History of the U.S. Review and analysis of the chief characteristics, trends, and continuing problems of the economy of the United States in the 20th Century. Need not be taken in sequence. Prerequisite: 214 and 215, or consent of instructor.

**422-4 Introduction to Economic Development.** An analysis of the preconditions, processes, and problems involved in economic development. Both the theory and policy relevant to development, with special emphasis upon the "developing" or "emerging" economies, are stressed. Prerequisites: 214 and 215.

**425-8 (4,4) Economics in Geography.** (Same as Geography 425.) (a) Concepts, symbols, theory, language. Theory and analysis. Elementary mathematics, individual's preferences, production functions, the firm, markets, welfare economics, Pareto Optimality, and externalities. (b) Process, criteria, conditions. Certainty, uncertainty, and intertemporal criteria; public, private, and merit goods and services; multipliers; shadow prices, spatial and regional economic concepts; public expenditure criteria; free market allocation, comprehensive plans, and multiple objectives. Prerequisite: taken in a,b sequence or consent of instructor.

**429-4 International Economics.** Intensive treatment of the principles of international economics with special emphasis on the classical and modern theories of international trade. Income effects. Balance of payments adjustments. Prerequisites: 214 and 215, or consent of instructor.

**430-4 Regional Economy.** Natural economic regions, governmental action (as in the T.V.A.), local applications. Prerequisites: 215.

**431-3 Public Finance II.** State and local. Prerequisite: 330 or consent of the instructor.

**436-4 Government and Labor.** (Same as Government 436.) Labor relations and legislation considering both constitutional and economic aspects. Prerequisite: GSB 211 and GSB 212, or consent of instructor.

**440-4 Intermediate Micro Theory.** A more intensive treatment of price theory. Prerequisites: 215 or consent of instructor.

**441-4 Intermediate Macro Theory.** Basic analytical concepts of the modern theory of aggregative income determination. Prerequisites: 214 or consent of instructor.

**443-4 Senior Seminar in Economics Problems and Policy.** Application of the



tools of economic analysis to the study of contemporary social problems. Economics graduate students not permitted to enroll in this course. Prerequisite: 440, 441.

**450-6 (3,3) History of Economic Thought.** The development of economic thought. (a) Ancients to 1850; (b) 1850 to present. Must be taken in a,b sequence. Prerequisites: 214 and 215.

**460-4 Russian Economy.** Development of Russian trade, agriculture, industry, government, finance, and standards of living in successive periods in relation to the historical, geographic, economic, and ideological background. Prerequisite: 214 and 215, or GSB 211, or consent of instructor.

**462-4 Economic Development of the Middle East.** Economic structure of the countries constituting the Middle East; economic, political, social and cultural forces influencing development. Prerequisites: 214 and 215, or consent of instructor.

**465-4 Mathematical Economics I.** A systematic survey of mathematical economic theory. Conditions of static equilibrium (including stability conditions), dynamic models using difference equations, and linear production models of input-output analysis and activity analysis (linear programming). Prerequisite: 440 and Mathematics 140a and b, or consent of instructor.

**467-4 Introduction to Econometrics.** Problems in the quantification and testing of economic theories. Introduction to regression analysis. Prerequisite: 308.

**471-4 Land Resource Economics.** (Same as Ag. I. 471 and Forestry 471.) The use of land as an economic variable in production of goods and services; land markets; group versus individual conflicts; and land utilization as related to institutional arrangements. Prerequisite: 215 or equivalent.

**479-4 Problems in Business and Economics.**

**481-4 Comparative Economic Systems.** Capitalism, socialism, fascism, and other forms of the economy. Prerequisite: 214 and 215, or consent of instructor.

**490-4 Workshop in Economic Education.** (Same as Education 490.) Designed to assist elementary and secondary school teachers in promoting economic understanding in the minds of their students through the translation of economic principles and problems into classroom teaching materials.

**500-4 to 8 Economics Seminar.** A study of a common, general topic in the field of economics, with individual reports on special topics. Prerequisite: consent of instructor.

**501-1 to 12 Economics Readings.** Contemporary books and periodicals in economics. Prerequisite: consent of instructor and chairman.

**502-1 to 6 Readings in Resource Economics.** (Same as Forestry 520b and Agricultural Industries 520b.) Directed readings in the field of resource economics. Prerequisite: consent of instructor.

**505-2 to 12 Political Economy Seminar.** Cooperative teaching in the political economy area. Designed to introduce students to contemporary problems in political economy emphasizing the research interest of the faculty and students. Two hours per quarter. Prerequisite: 440 or consent of instructor.

**507-1 to 12 Practicum in Undergraduate Teaching.** Emphasizes teaching methods, source materials, and preparation of classroom materials. All teaching assistants must enroll. One hour of credit per quarter.

**510-4 Research in Economics: Design, Methodology, and Presentation.** Systematic approach to economic research. Includes research planning and design, exploration of the various sources of data, and the most frequently used methodology. The last part of the course is concentrated on techniques for communicating the results of research.

**512-4 Seminar in Labor Institutions.** Evaluation of theoretical, multi-disciplinary approaches to the employment relationship. Wage theory, the labor market, and collective bargaining are placed in the context of industrial relations as a separate discipline and this approach critically examined. Prerequisite: 411.

**517-4 Monetary Theory and Policy.** A survey of contemporary monetary theory and related policy issues. Prerequisites: 541 or consent of instructor.

**518-4 Monetary Theory and Policy II.** Contemporary topics in monetary theory and policy, including analysis of the roles of money in inflation and economic growth, and an appraisal of the conduct and impact of monetary policy. Prerequisite: 517 or consent of instructor.

**520-8 (4,4) Economic Development Theory and Policy.** (a) Classical, neoclassical, and modern contributions to the theory of development; theories of



underdevelopment. (b) Basic approaches to economic development; *laissez-faire*; balanced growth; unbalanced growth; role of government; methods of planning; and foreign aid. Must be taken in a,b sequence. Prerequisite: consent of instructor.

**522-4 Microeconomic Foundations of Labor Markets.** The approach is theoretical. Topics include the theory of wage and employment determination, labor mobility, labor market imperfections, the special problems of minority group labor, and trade union issues. Prerequisite: 308, 465.

**525-4 Seminar: Economics in Geography.** (Same as Geography 525.) Valuation, choice methods, and regional plans and resource systems. Location and space models, opportunity cost, market value, user expenditures, cost analysis, regional and national income and product analysis, economic base analysis, benefit-cost, budgeting, least cost ranking, joint production, and analysis of representative plans, and resource design systems. Prerequisite: 425b or consent of instructor.

**526-4 Managerial Economics.** (Same as Business Administration 526.) A course in the economics of the firm. Designed to develop a conceptual framework for business decision making with emphasis on demand, costs, prices, and profits. Prerequisites: 214 and 215, or consent of instructor. Credit may not be earned in both Economics 440 and this course.

**530-4 Foreign Trade.** Emphasis on the advanced theory of international trade, survey of significant literature in international theory. Study of more advanced tools of analysis. Prerequisite: 429 or consent of instructor.

**531-4 International Finance.** Application of theory to current international economic developments. Empirical studies. Prerequisite: 429 or consent of instructor.

**533-4 Public Finance Theory and Practice.** Historical development of public finance theories with analysis of their policy implications. Prerequisite: 330 and consent of instructor.

**540-8 (4,4) Microeconomic Theory I and II.** Prerequisite: to (a) 440 or consent of instructor, to (b) 540a or consent of instructor.

**541-8 (4,4) Macroeconomic Theory I and II.** Prerequisite: to (a) 441 or consent of instructor, to (b) 541a or consent of instructor.

**552-4 Seminar in Economic Thought.** An exploration of the basic philosophic assumptions which underlie the various types of economic thought with special emphasis upon the historical development of the premises of modern day economic theories. Prerequisite: 450a or b or consent of instructor.

**555-4 Seminar in Economic History.** An examination of the structural economic changes in various economies throughout the world. Prerequisites: consent of instructor.

**562-4 Seminar in Economic Systems.** A final, theoretically-oriented examination of economic systems. Includes recent theoretical models; contemporary changes in major economic systems; the emergence of mixed systems. Relates economic, social, and political systems and evaluates attempts to place economic systems within to context of general systems theory. Prerequisite: 481 or consent of instructor.

**566-4 Mathematical Economics II.** Linear economic models. Linear programming. Input-Output analysis and general equilibrium models. Prerequisite: 440 or 465, or consent of instructor.

**567-8 (4,4) Econometrics I and II.** (a) Linear regression analysis as applied to single equation economic models. Problems of least squares, maximum likelihood, and Bayesian estimation techniques in stochastic economic models. (b) Elements of asymptotic distribution theory and estimation techniques in multiple equation economic models. Prerequisite: Mathematics 410a or b, and 567a, or consent of instructor.

**570-4 Seminar in Contemporary Microeconomic Theory.** An investigation of recent developments and current controversies in economic theory with emphasis on microeconomic problems. Prerequisite: 540b.

**571-4 Seminar in Contemporary Macroeconomic Theory.** An investigation of recent developments and current controversies in economic theory with emphasis on macroeconomic problems. Prerequisite: 541b or consent of instructor.

**575-4 Microeconomic Regulation.** An analysis of the economic causes and effects of the regulation of agriculture, business, and labor. Prerequisite: 440 or consent of instructor.

**581-4 Economics of Welfare.** The application of economic theory to the quest



for economic welfare. Includes consideration of income distribution, rates of growth, the pricing system, and the role of government. Prerequisite: 440 or equivalent.

**583-4 Methodological Foundations of Economics.** A systematic analysis of the nature, philosophical content, premises, scope, boundaries, and characteristic methods of economics. The history of economic thought is drawn upon, but major focus is upon the contemporary state of the discipline as well as upon apparent methodological trends. Prerequisites: 440 and 441, or consent of instructor.

**585-4 Seminar in Social Economy.** Interrelations between economic institutions and processes within the larger societal context. Applicable economic, political and social theory, as well as empirical studies brought to bear. Prerequisite: 440 or consent of instructor.

**590-1 to 6 Seminar in Contemporary Economics.** Presentation and discussion of current research in Economics. All Ph.D. students must enroll. One hour credit per quarter.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Doctoral Dissertation.** Hours and credit to be arranged by chairman.

### Education

There is no graduate degree program offered through the following education listing. Four hundred level courses in this listing may be taken for graduate credit, however, unless otherwise indicated with the course listing in the quarterly Schedule of Classes.

**400-1 to 16 Experimental Education.** Offered for purposes of testing new and experimental courses and series of courses within the College of Education. Prerequisite: written consent of instructor.

**500-1 to 16 Experimental Education.** Offered for purposes of testing new and experimental courses and series of courses within the College of Education. Prerequisite: written consent of instructor.

### Educational Administration and Foundations

**421-2 to 4 Law and the Teacher.** Legislative and case law as it applies to the role of the teacher.

**431-4 History of Education in the United States.** An historical study of the problems of American education.

**432-4 Education and Social Forces.** A study of the social forces that shape educational policies in the United States.

**454-4 Contrasting Philosophies of Education.** An examination of current educational problems and trends in the light of contrasting philosophies of education.

**500-4 Research Methods.** Introduction to educational research with practical training in research writing and evaluation techniques in education. Recommended or concurrent enrollment in introductory statistics.

**501-12 (4,4,4) Seminar in Educational Administration.** An examination of the political setting of educational administration, selected innovative practices, and methods of determining accountability in education. Open to students in approved sixth year and doctoral programs only. Must be taken in a,b,c sequence.

**502-4 Seminar in Comparative Education.** A general introduction to comparative and international education. Comparison of educational ideas and practices of various countries in major regions of the world.

**503-4 Seminar in Philosophy of Education.** An interpretation of modern educational problems and trends in the light of basic philosophical viewpoints. Excerpts from the leading philosophical writings are used. Prerequisite: consent of instructor.

**504-4 Seminar in History of European Education.** A survey and interpretation of education in Europe from the Greek era to the present. Stresses the relationship of European to American education.

**505-4 to 8 Advanced Seminar in Comparative Education.** A study of foreign educational systems in historical, cultural, political, and world perspective.



Areas of the world or specific countries are indicated by the following letters: (e) England, (s) Soviet Union.

**506-4 Seminar: Curriculum in Relation to American Culture.** The effect of historical movements on curriculum in our nation at all ages and grade levels continued on a more intensive basis as applied to present-day curricular patterns. Prerequisite: 560 or consent of instructor.

**507-12 (4,4,4) The Twentieth Century and Education.** A study of major movements in the contemporary world in terms of their importance for American education. (a) Education and culture, (b) The American way of life, (c) Challenges of the twentieth century.

**508-8 (4,4) Interdisciplinary Seminar in Educational Administration.** (a) Administrative change resulting from social, cultural, and economic pressures upon educational systems. (b) Relevancy of selected concepts from the behavioral and social sciences to the field of educational administration. Prerequisite: advanced graduate standing or consent of instructor.

**511-12 (4,4,4) Internship Practicum.** Theory and practice in educational administration in cooperation with a work experience in an educational setting. Prerequisite: consent of student's advisor or committee and department chairman.

**512-4 Workshop in Adult Education.** Problems related to the adult learner, program planning, and methods and materials. For teachers and administrators in adult education programs. Prerequisite: consent of instructor.

**520-8 (4,4) Legal Basis of American Education.** (a) Exploration of principles of law applicable to public schools and school personnel. (b) Illinois school law. Study of the legal aspects of Illinois public education with principal emphasis on statutory law and its interpretation by the courts.

**524-12 (4,4,4) School Administration.** (a) Basic orientation to the field of school administration and to the legal and extra-legal forces affecting public school operations. (b) An examination of the administrative processes as an approach to viewing school administration. (c) An introduction to administrative theory. Must be taken in a,b,c sequence.

**527-2 to 4 Current Issues in School Administration.** A field laboratory course for principals and superintendents.

**533-4 School Buildings.** Various phases of physical plant design and maintenance of concern to the school administrator.

**534a-4 School Finance.** A study of the principles and issues of Public School Finance. Revenues, expenditures, indebtedness, and fiscal controls are dealt with.

**534b-4 School Business Administration.** Principles and practices governing management of business affairs of a public school system.

**534c-4 Educational Application of Electronic Data Processing.** Electronic data processing as related to the administrative services and instructional areas of educational institutions.

**536a-4 Administrator's Workshop.** A special program for the consideration of administrative problems pertinent to superintendents, high school principals, and elementary school principals.

**539-4 Community Development through the School.** A survey of methods and procedures utilized by school districts to further community development.

**556-8 (4,4) Educational Supervision.** (a) The supervisory function in the improvement of instruction. Emphasizes activities, methods and devices for improving the effectiveness of teaching. (b) Seminar in educational supervision. Special research problems in supervision for advanced graduate students. Must be taken in a,b sequence.

**560-4 Curriculum.** (Same as Secondary Education 561.) Modern practices and procedures in curriculum development, with attention to the professional, social, economic, and other major factors, in curriculum planning.

**563-4 School Public Relations.** A study of the field of public relations as a factor in successful school organization, administration and operation, teaching, support services, and personal interaction of the individual with the community.

**564-4 Secondary School Principalship.** (Same as Secondary Education 564.) Deals with problems met specifically by the high school principal. Emphasizes his role in relation to guidance, curriculum, schedule-making, extra-curricular activities, public relations, budgeting of time, etc. Prerequisite: consent of instructor.

**575-1 to 4 Individual Research.** Selection, investigation, and writing of a re-



search assignment under the personal supervision of a graduate faculty member in one of the following areas: (a) curriculum, (b) supervision, (c) buildings, (d) finance, (e) school law, (f) comparative education; (g) history of education, (h) philosophy of education, (i) sociology of education, (j) administration. Prerequisite: consent of department chairman.

**576-1 to 4 Readings in Administration and Foundations.** Advanced reading in a previously identified area of interest. Prerequisite: consent of department chairman.

**589-2 to 12 General Graduate Seminar.** Selected topics or problems in cultural foundations of education. Prerequisite: advanced standing and consent of instructor.

**591-2 Doctoral Seminar in Philosophic Foundations.** To be taken concurrently with Guidance 590. First course in a sequence required of all doctoral students in education. Focuses on modes of scholarly inquiry and the responsibilities of inquirers. Prerequisite: admission to a doctoral program in Education.

**592-4 Doctoral Seminar in Cultural Foundations of Education.** An integrated seminar in the cultural foundations of education for doctoral students in education. Prerequisite: 591 and Guidance and Educational Psychology 590.

**596-5 to 9 Independent Investigation.** Field study required of each student working for the sixth-year specialist certificate.

**599-5 to 9 Thesis.**

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Elementary Education

Courses in this department may require the purchase of additional materials or supplies. Field trips are required for certain courses.

**401-2 to 4 Problems in Public School Reading.** Requirements: attendance at all sessions of a reading conference, preparation of a paper showing practical applications of theory to the student's own teaching situation.

**410-4 Improvement of Instruction of Mathematics in the Kindergarten-Primary Grades.** Recent findings, current practices and materials used in building a basis for quantitative thinking in early childhood education. Will involve work with young children. Prerequisite: 310.

**411-4 Seminar in Instruction.** To assist student teachers and in-service teachers in solving classroom problems. Involves clinical study and discussion of behavioral and learning situations, with special attention to the development of characteristics and needs of students.

**413-4 Children's Literature.** Emphasizes types of literature, analysis of literary qualities, selection and presentation of literature for children. Not for students who have had English 213. Prerequisite: Guidance 305.

**415-4 Improvement of Instruction of Mathematics in the Upper Elementary School.** The grade placement of content, newer instructional practices, materials of instruction, and means of evaluation. Will involve work with elementary students. Prerequisite: 310 or consent of instructor.

**423-4 Teaching Elementary School English Language Arts.** Oral and written communication processes, with emphasis on the structure and process of the English language arts. Specific attention to the fundamentals of speaking English, writing, spelling, and listening. Study of learning materials, specialized equipment, and resources. Prerequisite: 314 and 337, or 316 and 337.

**424-4 Teaching Elementary School Social Studies.** Emphasis on the structure and process of social studies. Specific attention to developing social studies objectives, planning units, developing a general teaching model, organizing the curriculum, and evaluating behavioral change. Study of learning materials, specialized equipment, and resources. Prerequisite: 314 or 316.

**430-3 Workshop in Creative Writing for the Elementary School.** Techniques of encouraging creative writing in the elementary school.

**431-4 Education for the Disadvantaged Child.** An understanding of culturally disadvantaged children with emphasis on the nonurban poor. Discussion of necessary adjustments of school programs emphasizing early school admission, experimental background, self-concept, language development, and learning style. Prerequisite: 337.

**433-4 Workshop in Kindergarten-Primary Education.** Meets needs of in-service teachers in such areas as curriculum adjustment, remedial teaching, child



development, and early childhood education. Prerequisite: student teaching or teaching experience.

**437-4 Corrective Reading Techniques for the Classroom Teacher.** A discussion of individualized reading instruction based upon diagnostic testing procedures. Remediation of difficulties, grouping strategies, techniques and materials for the slow learner in the regular classroom will be emphasized. Prerequisite: 337 or equivalent, or consent of instructor.

**441-4 An Introduction to Teaching Elementary School Science.** Study of content and methods of elementary school science, grades K-8. Emphasis on the materials and strategies for using both traditional and modern techniques of science education. One or more field trips. Prerequisite: 314.

**442-4 Analysis and Design of Elementary Science Curricula and Instructional Strategies.** Analysis of existing science materials with reference to educational philosophy, learning theory, and instructional design. Emphasis on student development of instructional designs and seminars to critique prepared materials. Field trips. Prerequisite: 441 or consent of instructor.

**443-4 Workshop in Social Studies.** Material on critical areas of the world not commonly emphasized in elementary social studies. Areas considered: significant geographical concepts, Asia, Africa, Russia, and Eastern Europe. Outstanding specialists in social science present their specialties.

**445-4 Parent Involvement in Education.** Materials, techniques, and resources suitable for use by teachers in helping parents and teachers to understand how they can help each other in the partnership responsibilities of the education of children from a variety of backgrounds. Prerequisite: student teaching or consent of instructor.

**465-4 Seminar in Psychology of Elementary School Subjects.** Psychological principles of learning applied to the mastery of materials used in elementary school subjects. Prerequisites: 314, Guidance 305.

**475-2 to 8 Workshop in Elementary Education.** Critical evaluation of innovative programs and practices. Acquaints teachers within a single school system, or a closely associated cluster of school systems, with the philosophical and psychological considerations and methods of implementation of new programs and practices in one of the following areas: (a) curriculum, (b) supervision, (c) language arts, (d) science, (e) reading, (f) social studies, (g) problems in elementary education, (h) arithmetic, (j) kindergarten-primary, (k) administration and supervision. Field trips may be required. Prerequisite: 314.

**490-2 to 3 Workshop in Economic Education in Elementary Schools.** A study of newer programs stressing economic understandings of the social studies in the elementary school.

**503-9 NDEA Institute in Reading.** Emphasizes newer methods and techniques in teaching reading, research findings and applications, adaptation of methods and techniques to various types of pupils. Critical evaluation of new approaches. Prerequisite: students must be selected in advance.

**505-4 Readings in the Elementary School.** First course in the reading sequence. Survey of reading problems, aspects of the reading process, modern practices in teaching reading.

**507-2 to 4 Independent Readings.** Acquaintanceship with the literature and research, under the direction of a member of the departmental graduate staff, in one of the following areas: (a) curriculum, (b) supervision, (c) language arts, (d) science, (e) reading, (f) social studies, (g) problems in elementary education, (h) mathematics, (j) early childhood education, (k) elementary education administration and supervision. Prerequisite: consent of the instructor.

**509-4 to 12 Practicum.** For advanced students: professional consultation, teaching demonstration, practical application of advanced theory-work with clinical cases, or program development, implementation and evaluation in school systems or university. Readings and research related to special problems involved in on-site situations in the following areas: (a) curriculum, (b) supervision, (c) language arts, (d) science, (e) reading, (f) social studies, (h) mathematics, (j) early childhood education, (k) elementary education administration and supervision. Prerequisite: consent of instructor.

**510-4 to 8 Seminar: Problems in Reading.** Major field content seminar: Problems and practices; comprehensive review and evaluation of research and literature. Each student pursues a problem of his own interest.

**514-4 Organization and Administration of Reading Programs.** For reading



specialists, principals, supervisors, consultants. Recent trends in elementary and high school reading programs, providing reading instruction for total school population, materials and equipment, in-service training, role of the reading specialist. Problems of class members are studied and discussed. Prerequisites: 461 and 505.

**515-4 Special Problems in the Teaching of Arithmetic in the Elementary School.** A seminar course which covers important problems in arithmetic in the elementary school. Variable content. Prerequisite: 415 or consent of instructor.

**516-4 to 12 Internship in Reading.** Culminating experience for doctoral candidates. Each student supervises reading services in his own or cooperating school. Conference periods. Prerequisites: 521a,b,c and consent of instructor.

**518-4 Supervision of Professional Education Experiences.** The role and responsibility of the cooperating public school teacher in the supervision of teacher education students involved in various field experiences. Attention is given to the joint responsibilities of the university and the public school in this cooperative venture. A course for present and prospective teachers who wish to effectively deal with students in the various professional education experiences.

**519-2 to 4 Readings in Research—Elementary Mathematics.** Independent readings. Acquaintance with the research literature in elementary mathematics. Conference periods. Prerequisites: 415, 515.

**520-4 Diagnosis and Correction of Elementary Mathematics Disabilities.** Causes of mathematical difficulties, observation and instrument procedures, experience in preparing materials for diagnosis and for corrective purposes. Prerequisite: 515 or concurrent registration.

**521-12 (4,4,4) Diagnosis and Correction of Reading Disabilities.** Causes of reading difficulties; observation and interview procedures; standardized tests, instruments, and informal inventories; analysis techniques; experiences in preparing materials for corrective purposes. Each student diagnoses and treats a reading disability case under supervision. Prerequisites: 505, or concurrent registration with 505, and teaching experience.

**525-4 Specialty Area Seminar.** Exploration of research literature in one of the specialty areas listed. For advanced students only. One of the following areas: (a) curriculum, (b) supervision, (c) language arts, (d) science, (e) reading, (f) social studies, (h) mathematics, (j) early childhood education, (k) elementary education administration and supervision. Prerequisite: consent of the instructor.

**531-4 Disadvantaged Schools: Research & Teaching.** The focus of this doctoral level course would be on research in the various areas within the total context of urban and rural disadvantaged schools. Within a seminar context such issues as problems of administration, research on teaching and curriculum problems, research from the social sciences as it bears on the disadvantaged school-community, and research on the various subject matter areas as related to the disadvantaged school-community. Prerequisite: advanced studies.

**537-4 Kindergarten-Primary Reading.** A survey of problems in the developmental reading program for the primary grades, followed by extensive study of selected problems. Prerequisite: 337 or consent of instructor.

**541-4 Problems, Trends, and Research in Elementary School Science.** Emphasis upon identifying problems and trends within elementary school science education and planning for research in this field. Prerequisite: 441 or 442 or consent of instructor.

**542-1 to 4 Language Arts in the Elementary School.** The practical bearing of investigation and theory on the improvement of current practices in the teaching of the language arts other than reading. Attention given to evaluation of teaching materials in these areas.

**543-4 Teaching the Social Studies in the Elementary School.** Organization of material for teaching purposes, techniques of classroom presentation, bibliographies or materials, use of audio and visual aids to instruction, and techniques for evaluating student progress. Readings, lectures, and discussions related to required teaching experience.

**557-4 The Elementary Principalship.** Designed to meet many of the particular needs of persons interested in qualifying for appointments as elementary school principals. Other than the administrative responsibilities of the elementary principal, such topics as the grouping of pupils, the elementary school's program, and personnel are studied.



**558-3 to 4 Leadership in Elementary Education.** A study of some newer developments in the organization and instruction of the elementary school. Team teaching, a non-graded school, grouping and the impact of newer curricular developments.

**559-3 Workshop in Instructional Leadership.**

**560-4 Kindergarten-Primary Education.** A survey of current problems and practices in early childhood education for children from four to eight years of age, with emphasis on wide reading in current research literature. Prerequisite: consent of instructor.

**561-4 The Elementary School Curriculum.** A critical study of the reorganization, construction, and administration of the elementary school curriculum, and the installation, adaptation, and administration of the revised curriculum.

**563-4 Organization of the Elementary School.** An analysis of types of elementary school organization with special attention to influence of school organization upon the educational program. Application of research findings to selection and use of materials of instruction. Special consideration to student's professional problems.

**564-4 to 12 Internship.** Culminating experience for advanced students. Each student engages in specialized service areas either in his own or cooperating school or school system or university. Weekly on-campus or on-site seminar will be held with the intern supervisor. Internship areas are: (a) curriculum, (b) supervision, (c) language arts, (d) science, (e) reading, (f) social studies, (h) mathematics, (j) early childhood education, (k) elementary education administration and supervision. Prerequisite: consent of the instructor.

**570-4 Seminar, Research in Elementary Education.** Critical analysis of the most significant research studies in organization, learning, teaching, and curriculum in the elementary education.

**575-2 to 4 Individual Research.** The selection, investigation, and writing of a research topic, under the personal supervision of a member of the departmental graduate staff, in one of the following areas: (a) curriculum, (b) supervision, (c) language arts, (d) science, (e) reading, (f) social studies, (g) problems in elementary education, (h) arithmetic, (j) problems in kindergarten-primary, (k) elementary education administration and supervision.

**596-5 to 9 Independent Investigation.** Field study required of each student working for the sixth year specialist certificate. The work should be done in the setting of a school system where the student is employed or where full cooperation is extended. The study involves selecting of the problem, survey of pertinent literature, recording of results, and appropriate interpretations and summarizations.

**599-3 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.** Minimum of 36 hours for the Doctor of Philosophy degree.

## Engineering

Safety glasses are required for some of the courses in this subject matter area.

**402-12 (4,4,4) X-Ray Crystallography.** (a) Introductory Crystallography. Lattice theory of the crystal. Miller indices. Crystal zones. The Bravais lattices. Symmetry elements. Proper and improper rotations. Point groups: crystal classes. Operators involving translation. Space groups. Elements of crystal structure. Coordination. Structure types. (b) X-Ray Diffraction Techniques. X-Ray diffraction by single crystals: fundamental equations. Reciprocal lattice and Ewald sphere. Optical analog: The optical diffractometer. Single crystal photographic methods: the Laue method: rotating and oscillation, Weissenberg, Buerger-precession and Jong-Bourman. Divergent and convergent-beam techniques. Interpretation of the x-ray diagrams. Diffractometric methods; fundamentals. Identification of polycrystalline materials with x-ray diffractometer (power method). Single crystals diffractometry. Absolute intensity measurements. (c) Crystal Structure Analysis. Fundamental diffraction relations. Determination of the cell size, chemical formula, symmetry and space group. Measurement of intensities: geometrical and physical factors affecting intensities. The structure factor; phase of the structure factor. The anisotropic temperature factor. Fourier synthesis. Electron-density projections. The phase problem. Utilization of anomalous dispersion. Direct determination. The Pat-



terson method. Refinement of the structure with high speed computers. (This was APS 401-12).

**403-4 Statistical Thermodynamics for Engineers.** Principles of kinetic theory and classical statistical mechanics as applied to thermodynamic systems. Discussion of the equilibrium state and laws and properties of thermodynamics with applications to engineering systems. Prerequisite: 300c.

**407-4 Thermal Pollution and Waste Heat Management.** Physical, chemical, and biological aspects of thermal pollution. Methods of waste heat disposal from power plants. Management of heated effluents. Prerequisite: senior standing.

**408-3 Bioenvironmental Engineering.** The application of microbiological and biochemical principles to various phases of bio-engineering, sanitary engineering, and analysis and design of bioprocesses.

**409-3 Engineering Hydrology.** Hydrologic cycle and analyses. Infiltration studies, groundwater exploration. Statistical analyses, flood routings. Mechanics of entrainment, movement and deposition of sediment material by moving fluids. Analysis of roughness and sediment transport rate in rivers. Prerequisites: 313b or consent of instructor.

**410-8 (4,4) Electronics and Instrumentation for the Life Sciences.** (a) Review of electrical theory and electrical aspects of biological systems; introduction to circuit analysis; fundamentals of instrumentation, primarily electronic; laboratory. (b) Transducers and characteristics of instruments used in biological research; basic computer and data-system theory and applications; analysis of biological waveforms; simulation of biological systems; laboratory. Only the b course may be taken for credit in engineering. (This was APS 410-8).

**411-3 Design of Engineering Experiments.** Engineering data evaluation by application of statistical techniques. Design of engineering experiments. Prerequisite: 222, Mathematics 252a.

**412-3 Engineering Practice: Legal Considerations.** Legal responsibilities of the professional engineer. The law of contracts with enough emphasis on legal procedure to enable students to understand decided cases. Practice in applying some of the principles through written communications. Prerequisite: senior standing.

**413-6 (3,3) Intermediate Mechanics of Fluids.** (a) Application of the basic laws of nature to the theory of fluids using the continuum approach. Kinematics of fluid motion using various coordinate systems; the continuity equation. Dynamics of viscous fluid motion; the Navier-Stokes and Energy equations. Solutions to the fundamental system of equations. Introduction to magnetofluid mechanics. (b) Dimensional analysis. Incompressible irrotational flows. Fundamentals of compressible fluid and isentropic flows, normal and oblique shocks, and Prandtl-Meyer expansions. Turbulence. The application of the equations of motion to turbulent flow fields. Reynolds equations. Production, convection, and dissipation of turbulence. Prerequisite: 313b and Mathematics 305a.

**414-3 Mechanics of Soils.** Fundamental theories of soil behavior and their application in engineering. Laboratory. Soil-water systems and interactive forces; stress-deformation characteristics; ultimate strength; theory of consolidation; methods for estimating soil deformation. Applications of soil engineering in earth dams, retaining walls, foundations, piles, and underground conduits. Prerequisites: 311a, 313a.

**415-9 (3,3,3) Principles of Water Quality Control.** (a) Characteristics of water quality, natural and man-made; relationship of quality to use; unit operations of water quality control for municipal and industrial use. (b) Characteristics of waste waters; biological and chemical processes for treatment of sewage and industrial wastes; water quality criteria in stream pollution control. (c) Application of physical, chemical, and biological unit operations and processes to design of waste treatment facilities. Laboratory. Safety glasses are required at an approximate cost of \$4.50. Prerequisite: 300a or consent of instructor.

**416-8 (4,4) Air Pollution Control.** (a) Introduction to emission sources, transport/diffusion, and effect of air pollution. Aspects of social, meteorological, biological, physiological, and chemical relationships plus control methods and economics included. Laboratory. Prerequisite: senior or graduate standing. (b) Engineering control theory, procedures, and equipment related to particulate and gaseous emissions control. Source and atmospheric sampling, and analytical techniques covered. Laboratory. Must be taken in a,b sequence. Safety glasses are required at an approximate cost of \$4.50.



**417-3 Fundamental Compressible Fluid Flow.** Principles of fluid flow. Wave propagation in compressible media, isentropic flow of a perfect gas, normal and oblique shock waves, Prandtl-Meyer expansions, and supersonic aerodynamics. Prerequisite: 313b.

**418-3 Digital Computers in Research.** Computational techniques for matrix inversion, solution of linear equations, and characteristic roots and vectors; least squares analysis, curve-fitting, and regression; design of experiment; solution of nonlinear equations; min-max functional approximation techniques; generation of approximate solutions, Monte Carlo techniques. Prerequisite: 222 and Mathematics 150a.

**420-6 (3,3) Transport Phenomena.** (a) Mechanism of heat, mass, and momentum transport on both molecular and continuum basis. Estimation of transport properties. Generalized transport equations in one or three-dimensional system. (b) Analogy of mass, heat, and momentum transfer. Macroscopic balances, operations, penetration theory, simultaneous mass and heat transfer, equilibrium operations. Prerequisite: 302 and 313b.

**421-3 Introduction to Systems Theory.** An introduction to the description of engineering systems by the means of a general systems theory. Prerequisite: Mathematics 305a.

**422-4 Operations Research and Mathematical Model Formulation.** Applications of digital computers to the mathematical modelling of physical systems with particular emphasis on the simulation and problem solving techniques of operations research. Dynamic models of transportation, allocation, and replacement. Physical applications and computation techniques related to the theory of games. Prerequisites: 222 and Mathematics 221 or consent of instructor.

**423-3 Hybrid Computation.** The simultaneous use of the analog and the digital computer for the solution of engineering problems. Scaling of problems. Block diagrams and logic are stressed. Linear and nonlinear differential equations. Simulation as well as iterative analog computation are covered. Supplementary text required. Prerequisite: 222, 432 or equivalent.

**426-3 Communications Theory.** Basic information theory, Fourier series and transform, sampling theory, modulation, and signal to noise ratio. Prerequisite: 439a.

**428-1 Water Quality Laboratory.** Measurements of water quality parameters performed. Use of modern instrumental techniques demonstrated. Safety glasses are required at an approximate cost of \$4.50. Prerequisite: 415a.

**430-1 to 8. Special Problems in Engineering.** Consists of topics and problems selected either by the instructor or by the student with the approval of the instructor. Prerequisite: senior standing in engineering and consent of the instructor.

**431-6 (3,3) Analog and Digital Computer Design.** Introduction to the design of analog and digital computers. Subject includes: operational amplifiers, multiplying circuits, regulated power supplies, 3 column algebra, switching circuits, memory devices. Not a course in programming. Prerequisite: 336.

**432-3 Analog Computation in Engineering Design.** An introduction to the theory and operation of an analog computer. Applications to engineering design, simulation, and optimization. Laboratory. Prerequisite: Mathematics 305a.

**434-4 Electronic Design.** Application of electronic device and linear network theory to the design of practical electronic circuits. Design of oscillators; audio, video, and RF tuned amplifiers; feedback circuits. Extensive use of ECAP and other computer-aided design techniques. Laboratory. Prerequisite: 336 and 439a.

**436-3 Control Theory.** Feedback concepts, signal flow graphs, s-plane analysis, frequency domain analysis, root locus, stability conditions, and compensation techniques. Prerequisite: 439a.

**437-4 Microwave Theory and Measurements.** Theory of passive microwave devices for guiding, storing, coupling, or radiating electromagnetic energy. Theory of active and non-linear devices including klystrons, circulators, and isolators. Microwave measurements. Laboratory. Prerequisite: 338.

**438-3 Electronic Devices.** Semiconductor, magnetic, dielectric, and vacuum devices with wide range of engineering applications. Develop understanding of the mechanisms of operation. Prerequisite: 311c, 336.

**439-6 (3,3) Transient Analysis and Network Theory.** (a) Transient analysis of linear electrical networks and analogous systems by classical techniques and the Laplace transform. (b) One- and two-port networks, Foster and Cauer



forms, and image parameter filter theory. Must be taken in a,b sequence. Prerequisite: 335 and Mathematics 305a.

**440-6 (3,3) Structures.** (a) Analysis of statically determinate and statically indeterminate structures. Deflections. Slope deflection. Moment distribution. (b) Principles of structural design. Loads. Influence diagrams. Structural materials. Types of structures and their behavior. Safety. Social and environmental conditions. Prerequisite: 311a.

**441-3 Intermediate Mechanics of Vibrations.** Equations of motion applied to systems with free and forced vibrations, damping, and multiple-degrees of freedom; Euler equations; introduction to Lagrange's equations and orbital mechanics.

**442-4 Structural Design-Metal.** Rational, empirical, and practical basis for design of metal structures with emphasis on structural steel and aluminum. Behavior of members and their connections. Prerequisite: 440a or consent of instructor.

**443-6 (3,3) Engineering Design.** Projects. Student selects a problem, defines and designs the various subsystems and interface requirements, integrates the subsystems into the final design, and documents the design effort. Laboratory. Must be taken in a,b sequence. Prerequisite: senior standing in engineering.

**444-4 Design of Reinforced Concrete.** Ultimate strength and behavior of reinforced concrete members. Shear. Bond. Continuity. Compression Numbers. Prerequisite: 311a.

**446-3 Electromechanical Energy Conversion.** Electromagnetics. Theory and basic concepts of rotating electrical machines. Application of principles to d.c., synchronous, and polyphase induction machines. Prerequisite: 335 and 338.

**447-3 Intermediate Mechanics of Materials and Structures.** Stress and strain at a point in three dimensions. Theory of elasticity. Shear center; unsymmetrical bending; curved beams; elastic foundations; thick walled cylinders; theory of failures; energy methods. Prerequisite: 311a.

**448-4 Experimental Stress Analysis.** Theoretical and experimental methods of determining stresses and strains; use of optical, electrical, and mechanical instrumentation; relation of modeling and prototype; brittle coating; electrical resistance gages; photo-elasticity. Prerequisite: 311a.

**449-3 Intermediate Dynamics.** Kinematics and kinetics of three-dimensional motion; Coriolis' acceleration' rigid body motion; Euler's equations; work and energy; gyrostatics; generalized coordinates; impulse-momentum principle; vibrations; computer applications. Prerequisites: 260c and Mathematics 305a.

**451-3 Numerical Methods in Mechanics.** Application of numerical techniques to problems encountered in engineering mechanics. Prerequisite: 222, 311a, 313b (or concurrent enrollment), and Mathematics 305a or consent of instructor.

**454-16 (4,4,4,4) Materials Science.** (a) Crystal structure of materials. Concepts of ionic, metallic, van der Waals, and covalent bond; hydrogen bond; solid solutions; interstitial phases. Coordination structures. Radicals in crystal structures. Long chain molecular crystals. Clathrate and molecular complexes. The structure of polymers, glass, and liquids. (b) Crystalline materials preparation. Phase rule. Crystal growth. Homogeneous and heterogeneous nucleation. Absorption. Impurities. Rate of crystallization. Preparative crystallization. Twinning. Spiral growth theory. Recrystallization. (c) Perfection of crystalline materials. The solid as an imperfect body. Isomorphic substitution. Composition disorder. Electron holes and traps. Diffusion. The role of imperfections. (d) Thermodynamics of solids. Potential energy of ionic and molecular crystals. Band theory. Stability of solid phases. Equilibrium diagrams. Influence of temperature, pressure, and composition. Polymorphism: role of crystal structure. The thermodynamics of the imperfect crystal. (This was APS 444-16).

**455-3 Engineering Geology.** (Same as Geology 455) An examination of problems posed by geology in the design, construction, and maintenance of engineering works. Topics studied include groundwater, land subsidence, earthquakes, and rock and soil mechanics. Two term papers and a field trip required. Prerequisite: Geology 220 or consent.

**458-3 Photoelasticity.** Optics related to photoelasticity, theory of photoelasticity, photoelastic model materials, analysis techniques, three-dimensional photoelasticity, birefringent coatings, application of photoelasticity methods. Prerequisite: 448 or consent of instructor.

**462-6 (3,3) Matrix Methods in Structural Analysis.** (a) Review of matrix



algebra. Displacement method of analyzing trusses, continuous beams, and rigid frames with and without sidesway. (b) Force method of analysis. Direct element method of analyzing trusses, rigid frames, and plane grids. Prerequisite: 311a.

**463-6 (3,3) Introductory Instrumentation.** (a) Characteristics and techniques in analog and digital instrumentation; transducers; signal conditioners; output and display systems; recorders. Laboratory. (b) Ultrasonic techniques; fringe patterns, Fresnel and Schlieren lenses, Moire patterns, pattern enhancement methods, optical systems. Laboratory. Must be taken in a,b sequence. Prerequisite: 336.

**464-3 Intermediate Materials Science.** Internal structure, treatment, and properties of metals and intermetallic compounds. Theory of dislocations in metals. Plastic flow, phase transformations, martensitic transformation, and X-ray diffraction identification of metallic phases. Prerequisite: 311b.

**466-4 Prestressed Concrete.** Theory and design of prestressed concrete simple beams, continuous beams and shells. Deflections. Behavior. Prerequisite: 311a.

**470-6 (3,3) Engineering Analysis.** (a) Basic vector field theory; transformation theorems. Methods of solution for basic ordinary differential equations with applications to engineering system. Prerequisite: Mathematics 252b. (b) Basic methods of solution for partial differential equations with emphasis on applications of the Laplace. Poisson and heat equations to engineering problems. Basic complex variables, matrix theory, numerical analysis and simulation techniques applied to engineering systems. Prerequisite: 470a or Mathematics 305a. (This was APS 470-6).

**480-9 (3,3,3) Engineering Process Design.** (a) Application of the fundamentals of conduction, convection, and radiation heat transfer. Combined mode and transient heat transfer. Design of equipment using simultaneous heat and mass transfer. (b) Applications of the fundamentals of mass transfer. Consideration of rate controlled, equilibrium, and mass transfer operations. (c) Original design of a process and determination of process variables and equipment. Analysis of construction cost. Prerequisite: 300c, 302.

**485-4 Power Systems Analysis.** Modeling of power system components. Power system configuration. Control of power and frequency, control of voltage and reactive power, and load flow analysis. Prerequisite: 446.

**486-3 Electric Energy Sources.** Sources of energy. Study of the principles and utilization of fuel cells and thermoelectric, thermionic, photovoltaic, and magnetohydrodynamic generators. Prerequisite: senior standing.

**500-3 Convection Heat Transfer.** Forced convection momentum and heat transfer in tubes and over external surfaces. Laminar flow and turbulent flow. Prerequisite: 420a, 431a, or consent of instructor.

**501-3 Radiation Heat Transfer.** Fundamentals of thermal radiation for diffuse and specular-diffuse systems. Applications to engineering systems. Prerequisite: 302 and, Mathematics 305, or consent of instructor.

**502-3 Conduction Heat Transfer.** Principles of conduction heat transfer with emphasis on applications to engineering systems. Steady state and transient conduction using classical methods and numerical and analog computation. Prerequisite: 302 or consent of instructor.

**503-6 (3,3) Heating and Cooling Systems.** (a) The applications of heating and cooling to engineering systems. (b) The design of various systems, including automatic controls. May be taken in any sequence.

**504-12 (4,4,4) X-Ray Diffraction and the Solid State.** (Same as Physics 504.)

(a) Diffraction by an arbitrary object in Fourier transform formulation, symmetry properties of scattering functions, the convolution theorem, the Q function or autoconvolution, the two repeated Fourier transformations, X-ray diffraction by an atom, by a molecule, by an ideal crystal and by a finite crystal. Optical transforms: Fraunhofer diffraction of a circular aperture, of a molecule and of a crystal of disc like atoms. The Fourier synthesis and the Patterson synthesis. The inverse Fourier syntheses. High speed computations of Fourier transforms and of Fourier series. (b) The Born-Laval theory of temperature diffuse scattering of x-rays: Determination of elastic constants, dispersion relations of frequencies and velocities, interatomic force constants and elastic vibrational spectrum. Determination of Debye characteristic temperatures from the inversion phenomenon of one-phonon scattering. The Difference Fourier Transform approach. The use of optical diffractometry and optical convolution in the interpretation of imperfect crystals. (This was APS 504-12).

**505-12 (4,4,4) Physical Properties of Crystalline Materials.** (a) In Relation to its Symmetry, General principles: The groundwork of crystal physics. Trans-



formations and second-rank tensors. Equilibrium properties: The stress tensor. The strain tensor and thermal expansion. Piezoelectricity; Third-rank tensors. Elasticity: Fourth-rank tensors. The matrix method. Thermodynamics of equilibrium properties of crystals. Transport properties; Thermal and electrical conductivity. Thermoelectricity. Crystal Optics: Natural and artificial double refraction; second order effects. Optical activity. (b) In Relation to Its Structure I. Thermal expansion in relation to crystal structure. Compressibility in relation to crystal structure. Influence of temperature. Magnetic and electrical properties in relation to crystal structure. Piroelectricity and piromagnetism. Ferroelectricity and ferroelectrics. Antiferroelectrics. Ferrielectrics. Ferromagnetic crystals. Antiferromagnetics. Domain structures. Phase transitions. (c) In Relation to Its Structure II. Ionic polarizabilities. Influence of temperature. Influence of structure in crystal optics. Molecular refractivity. Structural theory of optical activity. Elasticity and crystal structure. Piezoelectricity. Plastic deformation. Slip. Creep. Cleavage. (This was APS 503-12.)

**508-3 Industrial Waste Treatment.** Theories and methods of treating and reducing industrial wastes. Case studies of major industrial waste problems and their solutions. Prerequisite: 415b.

**509-3 Advanced Biological Waste Treatment.** Investigation of the traditional biological treatment processes utilized in the treatment of municipal and industrial wastes. Prerequisite: 415b or consent of instructor.

**510-9 (3,3,3) Electromagnetic Fields.** Static boundary value problems; conformal transformation; Schwartz-Christoffel transformation; harmonics; application of Maxwell's equations to plane waves in dielectrics and conductors, antennas, and radiation. Prerequisite: consent of instructor.

**511-6 (3,3) Quantum Electronics.** An introduction to quantum theory with applications taken from the field of electronics. A study of plasmas, fusion, atomic structure, superconductivity from a theoretical engineering view. Prerequisite: consent of instructor.

**512-8 (4,4) Continuum Mechanics.** (a) Definition of a tensor. Tensor algebra, special tensors, tensor derivatives, differential geometry, kinematics and dynamics. Tensor quantities in continuum mechanics, stress, strain. (b) Measures of stress and strain. Equations of equilibrium, constitutive equations, compatibility equations. Strain energy functions, linear theory of classical elasticity, special examples, stress functions and general four-function method. Prerequisite: Mathematics 305.

**513-3 Mechanics of Viscous Fluids.** The complete system of equations for laminar flow of a viscous fluid using the continuum approach, the stress and rates-of-deformation tensors, exact solutions to various boundary value problems, creeping motion, boundary layer theory, introduction to hydrodynamic stability, Orr-Sommerfeld equations, statistical theories of turbulence. Prerequisite: 413b or consent of instructor.

**514-3 Mechanics of Inviscid Fluids.** A study of stream functions, the velocity potential, Euler equations, Bernoulli equations, various solutions to Laplace's equation, added masses, Taylor theorem, Blasius and Kutta theorems, two-dimensional irrotational flows, Cauchy-Riemann equations, conformal mapping, vortex flow, thin airfoil theory, and free-streamline flows. Prerequisite: 413b or consent of instructor.

**515-3 Wave Motion.** Wave motion in strings and bars. Surface waves in liquids and solids. Sound waves, seismic waves. Method of characteristics and Fourier methods. Prerequisites: 413b and 447, or consent of instructor.

**516-4 Water Resources Development.** (a) Engineering aspects of porous reservoir systems. Solid reservoir structure. Porous medium physics. Description of reservoirs. Reservoir fluids including physics and chemistry of water and hydrocarbons.

**517-12 (4,4,4) Analysis and Design of Engineering Systems.** (a) Application of general system concepts to a wide range of engineering systems. Systematic study of relations and interactions in terms of block diagrams, signal flow graphs, as well as logical, discrete, and continuous mathematical models. Prerequisite: graduate standing and consent of instructor. (b) Emphasis on the analysis and design of systems through the use of analog and digital computers to simulate the operation of various system designs. Prerequisite: 423 and 517a, or consent of instructor. (c) Study of certain gross properties of large, complex engineering systems—properties such as stability, controllability, and identification—by means of general systems theory. Prerequisite: 421 and 517b or consent of instructor.

**518-3 Introduction to Turbulence.** Application of the basic equations of mo-



tion to turbulent flow problems. Introduction of the correlation concept along with the macro- and micro-scale of turbulence. Isotropic turbulence. Methods and techniques used in the experimental study of turbulence. Prerequisite: 413b or consent of instructor.

**519-3 Boundary Layer Theory.** Boundary layer equations. Laminar and turbulent boundary layers. Classical turbulent flow theories. Two and three dimensional wake and jet flows. Prerequisite: 413b or consent of instructor.

**520-6 (3,3) Reaction Engineering and Rate Processes.** (a) Chemical kinetics of homogeneous and heterogeneous reactions. Kinetic theories, mechanism and mathematical modeling. Interpretation of kinetic data. (b) Introduction of reactor design. Ideal reactors for batch and flow system. Design for multiple reactions. Temperature and pressure effects. Nonisothermal and nonadiabatic processes. Prerequisite: 420 or consent of instructor.

**521-3 Solid Waste Collection and Disposal.** Basic concepts and theory of solid waste collection and disposal systems. Prerequisite: graduate standing.

**522-3 Advanced Topics in Operations Research.** Linear programming computational techniques and their applicability to particular operations research models. Topics include the approximation methods, forecasting and optimization techniques, constrained and bounded problems. Problem solution by use of a digital computer is emphasized. Prerequisite: 422.

**525-3 Small Particle Phenomena.** Small particle formation, behavior, properties, emission, collection, and analysis. Includes atomization, combustion, transport of suspensions, filtration, light scattering. Prerequisite: graduate standing.

**530-6 (3,3) Separation Processes and Equilibrium Operations.** (a) Phase equilibrium, multistage calculations in concurrent and counter-current operations, graphical methods, unsteady state stagewise operations. (b) Multi-component systems, solution chemistry, nonideality in phase equilibrium, rate separation processes, applications in processing industry. Prerequisite: consent of instructor.

**535-6 (3,3) Network Analysis and Synthesis.** (a) Passive network theory; positive real functions, Foster and Cauer forms, Brune's method, and approximation techniques. (b) Active network synthesis; negative resistance, impedance converters and inverters, theorems of polynomial decomposition, gyrators, and operational amplifiers. Must be taken in sequence. Prerequisite: 439a.

**540-3 Elastic Stability.** Bending of bars under simultaneous action of axial and lateral loads; buckling of compressed bars, frames, rings, and tubes; lateral buckling of beams; torsion of I beams; buckling of thin plates. Prerequisite: Mathematics 305b, or consent of instructor.

**542-3 Theory of Plates.** Analysis of bending, buckling, and vibration of plates of various shapes; slabs and membranes; complex variables method; linear and non-linear behavior; refined theories; theory of bending of anisotropic and nonhomogeneous plates. Prerequisite: Mathematics 305b, or consent of instructor.

**544-4 Plastic Analysis of Structures.** Methods of analysis, elastic-plastic deformations, general loading, and direct procedures of design of beams and framed structures. Prerequisite: consent of instructor.

**550-3 Advanced Compressible Fluid Flow.** Compressible fluid flow in topics such as: supersonic aerodynamics; flow with friction; heat addition or heat loss; real gas effects; method of characteristics; rarefied gas dynamics; and multidimensional flow.

**561-3 Advanced Vibrations.** Emphasis on nonlinear vibrations. Topics to include phase plane, nonlinear conservative systems, problem of rotating pendulum limit cycles of Poincare, van der Pohl equation, method of isoclines. Prerequisite: Engineering 441, Mathematics 305b.

**570-2 to 6 Special Investigations in Engineering.** Advanced engineering topics or problems. Prerequisite: graduate standing in engineering.

**580-1 to 9 Seminar.** Collective and individual study of selected issues and problems relating to various engineering areas.

**599-1 to 9 Thesis.**

## Engineering Technology

There is no graduate degree program offered through engineering technology. Four hundred level courses in this listing may be taken for grad-



uate credit, however, unless otherwise indicated in the courses description.

The student is required to purchase photos and maps for certain courses, and a suitable slide rule is strongly recommended for most of the course. Cost: approximately \$10.00–\$25.00.

**403–12 (4,4,4) Electronics Technology.** Characteristics and applications of semiconductor devices. (a) Fundamental theory and operation of semiconductor diodes and bipolar transistors, incremental models for transistors, biasing, stability, and feedback of single and multistage amplifiers. (b) Parameters and applications of field effect transistors, optoelectronic devices, thyristors, uni-junction transistors, and amorphous semiconductors. (c) Parameters and applications of operational amplifiers, linear integrated circuits, monolithic voltage regulators, and digital integrated circuits. Laboratory. Prerequisite: 304.

**415–3 Basics of Concrete Structural Design.** Analysis and design of basic reinforced concrete structural elements using ACI design handbooks. Consideration of working stress and ultimate strength design. Not for graduate credit. Prerequisite: 311b, 315.

**416–3 Basics of Structural Steel Design.** Analysis and design of simple structural elements and connections for steel buildings and bridges. Use of AISC code. Laboratory. Not for graduate credit. Prerequisite: 311b, 315.

**424–9 (3,3,3) Power Systems Technology.** (a) Energy sources; fuels and combustion; pollution control in power plants; and the various types of power plants. (b) Steam and gas turbine power cycles; performance and construction details of turbines. Heat balances on power plants. (c) Power plant auxiliaries including condensers, feedwater heaters, blowers; construction details of auxiliary equipment. Not for graduate credit. Prerequisite: 313b or concurrent.

**426–9 (3,3,3) Photogrammetry.** (a) Cameras and photography; flight planning; mathematical principles of vertical and tilted aerial photographs; ground control methods; extension of control; stereoscopy and parallax; basic instruments, stereo plotters, and latest developments. (b) Rectification of tilted photographs; stereoscopic plotting instruments; principles and use of oblique photography; analytic photogrammetry and new concepts. (c) Analysis of aerial photographs to determine soil and rock formations and their properties; interpretations for engineering and regional planning purposes. Laboratory. May be taken in a,b or a,c or a,b,c sequence. Photos and maps required for each course. Cost: approximately \$3.00. Prerequisite: 363a or consent of instructor.

**430–1 to 8 Special Problems in Industry and Technology.** Special opportunity for students to obtain assistance and guidance in the investigation and solution of selected technical problems. Prerequisite: consent of instructor.

**437–9 (3,3,3) Communications Systems Technology.** (a) Two-port networks and transmission lines. Simulated LF and UHF transmission lines demonstrate traveling wave phenomena. (b) Microwave devices and transmission through waveguides. Microwave laboratory. (c) Design of communication subsystems, signal analysis, bandwidth, and Fourier Series covered. Laboratory includes design and construction of circuits used in communication systems. Prerequisite: 304.

**438–11 (4,4,3) Design of Control and Digital Systems.** (a) Fundamentals of control systems: equations of electrical, mechanical, hydraulic, and thermal systems; applications of Laplace transforms, transfer functions, block diagrams, and flowgraphs. Analog computation laboratory. Prerequisite: 304c. (b) Basic graphical design methods: root locus, frequency response, Nyquist diagrams, and compensator design. Control systems laboratory. Prerequisite: 438a. (c) Design of digital systems: logic operations, number systems, and applications. Prerequisite: 304a or concurrent enrollment.

## English

**400–4 Introduction to English Linguistics.** Methods of structuralizing: phonetics, phonemics, morphemics, syntax. Especially recommended for students preparing to teach English to native speakers.

**402–4 Old English Literature in Translation.** A study of prose selections from Bede, Aelfric, and other writers, and of poetry from the simplest riddles and gnomic verses to the complex forms of the Caedmonian and Cynewulfian schools, the elegaic poems, and *Beowulf*. Emphasis is on the literary and cultural significance of works studied.



**403-4 History of the English Language.** A survey of the development of the language from Indo-European to modern English with special emphasis on Middle and Early Modern English changes.

**404-12 (4,4,4) Middle English Literature.** (a) Middle English literature excluding Chaucer; (b) Chaucer: early poems and *Troilus*; (c) Chaucer: *Canterbury Tales*. May be taken singly.

**410-4 Literature for the Adolescent.** Criteria for evaluation of literary materials for junior and senior high school, with emphasis on critical approaches in selection of literature.

**412-20 (4,4,4,4,4) English Nondramatic Literature.** (a) 16th century. (b) 17th century. (c) The age of Dryden. (d) The age of Pope. (e) The age of Johnson. May be taken singly.

**417-4 Black Literature.** Studies in American and African Black literature, with major emphasis upon contemporary Black expression.

**418-4 English Literature, 1885-1914.** Poetry, drama and fiction of the later Victorian and early modern period.

**420-8 (4,4) American Poetry.** (a) Trends in American poetry to 1900 with a critical analysis of the achievement of the important poets, (b) the important poets since 1900. May be taken singly.

**421-16 (4,4,4,4) English Poetry.** (a) Early Romantics: major emphasis on general background and on Blake, Coleridge, and Wordsworth; (b) later Romantics: emphasis on Byron, Shelley, and Keats, the minor figures; (c) Victorian poets: Tennyson, Browning, Arnold, and other poets of England, 1830-1900; (d) modern British poets. May be taken singly.

**425-4 Modern Continental Poetry.** Representative poems by the major 20th century poets of France, Italy, Germany, Spain, Russia, and Greece.

**431-12 (4,4,4) Major American Writers.** Significant writers of fiction and nonfictional prose from the Puritans to the 20th century: (a) 1620-1800, (b) 1800-1865, (c) 1865-1915. May be taken singly.

**438-4 Intellectual Backgrounds of American Literature.** The relationship of basic ideas in America to American literature.

**442-4 Romantic Prose.** Fiction of Austen Scott, Mary Shelley, Peacock, the Gothic novelists; prose of Lamb, Landor, Hazlitt, DeQuincey; criticism, journals and letters.

**443-4 Victorian Prose.** The chief writers of nonfiction from the late romantics to 1880.

**454-12 (4,4,4) English Fiction.** (a) 18th century: Defoe through Jane Austen, (b) Victorian novel: 1830-1880, (c) 20th century. May be taken singly.

**456-4 Modern Continental Fiction.** Selected major works of European authors such as Mann, Silone, Camus, Kafka, Malraux, Hesse.

**458-8 (4,4) American Fiction.** (a) The novel in America from its beginning to the early 20th century, (b) trends and techniques in the American novel and short story since 1914. May be taken singly.

**460-16 (4,4,4,4) British Drama.** (a) Elizabethan drama excluding Shakespeare: from the beginning of the drama in late Middle Ages through its flowering in such Elizabethan playwrights as Greene, Peele, Kyd, Marlowe, Heywood, Dekker; (b) Jacobean drama: the Jacobean and Caroline playwrights: Jonson, Webster, Marston, Middleton, Beaumont and Fletcher, Massinger, Ford Shirley; (c) Restoration and eighteenth century drama: after 1660, representative types of plays from Dryden to Sheridan; (d) modern British drama. May be taken singly.

**464-4 Modern Continental Drama.** The continental drama of Europe since 1870; representative plays of Scandinavia, Russia, Germany, France, Italy, Spain, and Portugal.

**468-4 American Drama.** The rise of the theater in America; with readings of plays, chiefly modern.

**471-8 (4,4) Shakespeare.** (a) The plays before 1600. (b) The plays of 1600 and later. Readings on the life of Shakespeare, the theater, and the acting companies. May be taken singly.

**473-4 Milton.** A reading of a selection of the minor poems, of *Paradise Lost*, *Paradise Regained*, *Samson Agonistes*, and the major treatises.

**485-4 Problems in the Teaching of High School English.** Aims, methods, materials, tests, programs, and other aspects of English instruction in the high school.

**486-2 to 8 Workshop in High School English.** Intensive study in lectures, laboratory, and conferences, on the teaching of English in high school. Curriculum, materials, methods, aims.



**487-2 to 8 Workshop in Junior High School English.** Intensive workshop study in lectures, laboratory, conferences on the teaching of English in junior high school. Curriculum, materials, methods, and aims. Directed by competent authorities in the field.

**491-4 Expository-Technical Writing.** An all-university course designed to teach advanced academic and professional (non-fictional) writing skills. Prerequisite: GSD 102.

**492-8 (4,4) Professional Writing II.** Advanced creative writing. Prerequisite: 392 or consent of instructor.

**493-4 Special Problems in English.** Topics vary and are announced in advance; both students and faculty suggest ideas. May be repeated for a maximum of eight quarter hours provided registrations cover different topics. Prerequisite: consent of instructor.

**494-4 Literature in Society.** An analysis of the structure and function of literature as a social institution.

**495-8 (4,4) Literary Criticism.** (a) History of criticism: ideas and techniques from Aristotle to the end of the 19th century, (b) modern criticism: recent critics and critical attitudes, and practice in writing criticism. Open only to seniors and graduate students.

**497-12 (4,4,4) Senior Honors Seminars.** (a,b) Topics vary yearly. (c) Honors readings. Prerequisite: undergraduate status and departmental approval.

**499-2 to 8 Readings in English.** For English majors only. Departmental approval required. No more than four hours may be taken in any one quarter.

**500-2 Materials and Methods of Research in English.** The principal tools of literary scholarship and the more important studies and journals. Practice in the preparation of selective bibliographies and scholarly reports.

**501-4 Old English Grammar.** The development of the forms, the grammar, and readings.

**502-4 Beowulf.** Readings of the poem and study of its form, language, and history. Prerequisite: 501.

**506-4 Old Norse.**

**508-4 to 12 Studies in Chaucer.** Prerequisite: consent of department.

**509-4 to 12 Studies in Middle English Literature.** Prerequisite: consent of department.

**511-4 to 12 Studies in the Renaissance.** Prerequisite: consent of department.

**513-4 to 12 Studies in 17th Century Literature.** Prerequisite: consent of department.

**514-12 to 24 Studies in Restoration and 18th Century Literature.** (a) Restoration literature. (b) Early 18th century literature. (c) Later 18th century literature. Prerequisite: consent of department.

**518-4 to 12 Studies in English Literature, 1885-1914.** Prerequisite: consent of department.

**519-4 to 12 Studies in Contemporary British Literature.** Prerequisite: consent of department.

**520-4 to 12 Studies in Romantic Writers.** Prerequisite: consent of department.

**521-4 to 12 Studies in Victorian Poetry.** Prerequisite: consent of department.

**524-4 to 12 Studies in the Metaphysical Poets.** Prerequisite: consent of department.

**532-4 to 12 Studies in American Transcendentalism.** Prerequisite: consent of department.

**534-4 to 12 Studies in Early 19th Century American Writers.** Prerequisite: consent of department.

**536-4 to 12 Studies in Later 19th Century American Writers.** Prerequisite: consent of department.

**537-4 to 12 Studies in 20th Century American Writers.** Prerequisite: consent of department.

**538-4 to 12 Problems in American Literature.** Prerequisite: consent of department.

**543-4 to 12 Studies in Victorian Nonfiction Prose.** Prerequisite: consent of department.

**555-4 to 12 Studies in the Victorian Novel.** Prerequisite: consent of department.

**560-4 to 12 Studies in Renaissance Drama.** Prerequisite: consent of department.

**566-4 to 12 Studies in Shakespeare.** Prerequisite: consent of department.

**579-4 to 16 Studies in Modern Literature.** Prerequisite: consent of department.

- 580-4 Traditional Themes.** Persistent themes and legends in literature—King Arthur, Faust, Utopia, and the like. Prerequisite: consent of department.
- 581-12 (4,4,4) Problems in Teaching English.** (a) Composition. (b) Linguistics. (c) Literature. Prerequisite: consent of department.
- 585-2 Teaching College Composition.** Objectives, methods, and materials for the course; observation; and practice under supervision. Prerequisite: consent of department. Now graded S/U only.
- 593-4 Special Problems in English.** Topics vary and are announced in advance; both students and faculty suggest ideas. May be repeated for a maximum of twelve quarter hours provided registrations cover different topics. Prerequisite: consent of instructor.
- 594-8 (4,4) Studies in Literary Form and Symbolic Action.** Prerequisite: consent of department.
- 595-1 to 10 Independent Readings.** Preparatory for preliminary examinations for doctoral students in English. May be taken once only, grade of S/U, according to the result of the preliminary examination. Prerequisite: forty classroom credit hours beyond the M.A., exclusive of audits and readings.
- 596-4 Stylistics.** Defines style and its workings throughout literary history, applies the methods of modern analyses to literary works in English, shows how natural and artificial modes (genre and period definitions, metre, etc.) relate to literary artifacts and to the situation of the work of art vis a vis the civilization that engendered it.
- 598-1 to 6 (1 to 3, 1 to 3) Review of English and American Literature.** Restricted to master's degree students. Now graded S/U only.
- 600-1 to 48 Dissertation.**

### Family Economics and Management

Graduate work in the Department of Family Economics and Management is offered toward a concentration for the M.S. degree in home economics.

**407-2 to 8 Workshop.** Designed to aid workers in professions related to use of family resources; emphasis for each workshop will be stated in course announcement.

**423-3 Housing Alternatives.** Selected aspects of the housing market and their relationship to changing life styles of households. Structure, operations and performance of the housing market and home building industry, housing finance, and contemporary housing problems and issues are considered. Prerequisite: 323, equivalent, or consent of instructor.

**424-4 Trends in Household Equipment.** Design, function, principles of operation, current trends and ecological problems related to equipment use in the home. Prerequisite: 324, or consent of instructor.

**430-4 Family Financial Management.** Developments in family financial management and evaluation of methods and procedures for helping families, with emphasis on the role of the consultant. Case studies and simulation, as well as a field problem, are included. Prerequisite: 331 and 341, equivalent, or consent of instructor.

**435-4 Household Activity Analysis.** Work methods, work place, and characteristics of the worker in relation to solving work problems of employed, full-time, and handicapped home managers.

**471-2 to 6 Field Experience.** Supervised learning experiences in an acceptable employment area. Prerequisite: consent of department chairman.

**481-2 to 6 Readings.** Supervised readings on selected equipment, family or consumer economics, housing, or management topics. Prerequisite: 8 hours in FE & M, and consent of department chairman.

**500-4 Research Methods.** Review of basic scientific methods of research applicable to family economics, management, housing, and equipment. Statement of research problems, collection, analysis, and interpretation of data are included. Prerequisite: Guidance and Educational Psychology 505.

**520-3 Societal Factors in Housing.** An analysis of housing as it relates to levels of living in contemporary households. Cultural determinants, community development, governmental policies and programs, and personal and social organization are considered as they relate to family housing. Prerequisite: 423, or consent of instructor.

**540-4 Consumption Trends.** Contemporary trends and issues in family income and consumption are evaluated. Prerequisite: 341, or equivalent.



**550-4 Advanced Home Management.** Readings, observations, projects, and discussions are used in evaluation of current research trends and issues in home management as they reflect family management processes. Prerequisite: 331, or equivalent.

**571-4 Seminar in Family Economics and Management.** Review and analysis of research in family economics, management, housing and equipment. Implementation and organization of programs to help families is emphasized.

**572-2 to 8 Special Problems.** Selection and investigation of a special problem under personal supervision of graduate faculty, approved by chairman and instructor. Prerequisite: 6 hours in FE & M, and consent of department chairman.

**599-2 to 9 Thesis.**

**600-3 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Food and Nutrition

Graduate work in the Department of Food and Nutrition is offered toward a concentration for the M.S. degree in home economics.

**420-3 Recent Developments in Nutrition.** Critical study of current scientific literature in nutrition. Prerequisite: 320 or equivalent. Offered alternate years.

**421-3 Recent Trends in Food.** Critical study of current scientific literature in food. Prerequisite: 320 or equivalent. Offered alternate years.

**481-2 to 4 Readings.** Supervised readings for qualified students. Prerequisites: 320 or consent of instructor and department chairman.

**490-3 Nutrition and Growth.** Lectures, readings, and discussion on nutrition in relation to human growth. Prerequisite: 320 or equivalent. Offered alternate years.

**500-4 Research Methods.** Study of methods employed in research in food and nutrition. The development of a research design selected on the basis of the interest and need of the student. Field trip. Prerequisites: 420, 421, or equivalent and statistics. Offered alternate years.

**515-1 to 6 Seminar.** Participation of staff and students in reporting and discussing research papers, research in progress, and current professional meetings. Required for all graduate majors in Food and Nutrition, one credit per quarter. Prerequisite: 420 or 421.

**520-3 Advanced Nutrition.** The biochemical and physiological basis of the metabolism of nutrients; current concepts. Prerequisite: 420 or equivalent. Offered alternate years.

**556-4 Advanced Experimental Foods.** Individual problems in food research and interpretation of pertinent literature. Prerequisite: 356, or 500, or equivalent. Offered alternate years.

**572-2 to 8 Special Problems.** For students recommended by their adviser and approved by the head of the department and the instructor in charge for independent work in directed study.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree. Registration with approval of instructor.

### Foreign Languages

The purpose of the courses numbered 288 is to help graduate students prepare for proficiency examination as required by certain departments for the Doctor of Philosophy degree. No prerequisite. Students must register for these courses and are advised to take them as a part of, and not in addition to, their graduate program.

The following courses do not fall within the normal pattern of courses leading to advanced degrees:

**FR 288-9 (3,3,3) French as a Research Tool.** Reading of French texts with emphasis on grammar as a tool for reading comprehension; development of reading skills in various fields; humanities, social studies, science; development of interpretative and translation skills in student's own discipline.

**GER 288-9 (3,3,3) German as a Research Tool.** (a), (b) Emphasizes basic grammatical structure and building of vocabulary necessary to a reading knowledge. (c) Finalizes translation skills in the student's particular discipline. With consent of student's department satisfactory completion of 288c satisfies the



Graduate School foreign language as a research tool requirement. Advanced placement in the courses determined by diagnostic tests.

**RUSS 288-9 (3,3,3) Russian as a Research Tool.** (a), (b) Emphasizes basic grammatical structure and building of vocabulary necessary to a reading knowledge. (c) Finalizes translation skills in the student's particular discipline. With consent of student's department satisfactory completion of 288c satisfies the Graduate School foreign language as a research tool requirement. Advanced placement in the courses determined by diagnostic tests.

**SPAN 288-9 (3,3,3) Spanish as a Research Tool.** (a), (b) Emphasizes basic grammatical structure and building of vocabulary necessary to a reading knowledge. (c) Finalizes translation skills in the student's particular discipline. With consent of student's department satisfactory completion of 288c satisfies the Graduate School foreign language as a research tool requirement. Advanced placement in the courses determined by diagnostic tests.

**420-4 Modern Vietnamese Theater or Drama.** Hat Boi (VN Opera), Hat Cheo (Popular Theater from North VN), Cai Luong (Modernized Opera and Musical), Thoai Kich (Modern Theater), and Kich Tho (Lyric Theater). Emphasis on the main plays, the stage techniques, and the literary and social meaning of those various forms of VN theater. Prerequisite: Linguistics 420 or consent of instructor.

**430-3 Vietnamese Poetry.** Classical and modern poetry. Emphasis on masterpieces and leading figures such as Ng Trae, Ng B Khiem, the authors of Chinh Phu Ngam and Cung Oan, Ng Huy Tu, Ng Du and the Kim Van Lieu, Ng Cong Tru, and the new poetry with the impact foreign poetry had on it. Prerequisite: Linguistics 420.

**453-4 Methods in Teaching Modern Foreign Languages.** Survey of general principles of second-language teaching, based upon insights of modern linguistics and learning-psychology. Intensive practical work in classroom and language laboratory with teachers experienced in the student's specific language field. Required of prospective teachers of modern foreign languages in the secondary schools. Prerequisite: concurrent or prior enrollment in a 300 level foreign language course.

**477-3 Contemporary Vietnamese Prose.** Open to advanced students. Short stories, novels, and essays (main trends and evolution). Emphasis on works of prominent authors since 1920, such as Nguyen V. Vinh, Pham Quynh, H. N. Phach, Ng. Tr. Thuat, P. K. Binh, Khai Hung, and the recent generation. Prerequisite: Linguistics 410.

**497-9 (3,3,3) Survey of Vietnamese Literature.** Readings and analysis of selected works of Vietnamese literature from the beginning to the present time. Knowledge of Chinese characters and demotic characters not necessary, since all texts will be in Roman script. Presented in Vietnamese. Prerequisite: equivalent of two years of Vietnamese.

**543-1 to 6 Research Problems.** Individual research on a literary or linguistic problem involving original investigation in areas not covered by seminars or thesis. Two hours may be used for a research paper for non-thesis programs. (a) German; (b) French; (c) Spanish; (d) Russian.

**560-3 to 4 Bibliography and Research Techniques in Foreign Language Areas.** Bibliography and research methods in the target language and its culture. Introduction to the use of the chief reference works in the humanities and social sciences as they deal with areas in which the target language is spoken. (a) German, 3 cr. (b) French, 3 cr. (c) Spanish, 4 cr. (d) Russian, 3 cr.

#### CLASSICAL STUDIES

The classical studies section does not offer a major concentration in the program leading to the Master of Arts in Foreign Languages degree. Four hundred level courses in the classical studies section may be taken for graduate credit, however, unless otherwise indicated in the course description.

**420-3 Greek Literature in Translation.** A study of woman and man in the masterpieces of ancient Greek literature in translation. Not for graduate credit.

**431-3 Latin Literature in Translation.** A reading and discussion of the great works of Roman literature—history, satire, epic, love, poetry, elegy, lyric, and drama—with some attention to their influence on modern literature and culture. Students will have the opportunity to study one author in some depth. Not for graduate credit.



## FRENCH

**401-9 (3,3,3) French Literature of the 17th Century.** (a) Tragedy: Corneille and Racine. (b) Comedy: Moliere. (c) Philosophy, fiction and fable: Descartes, Pascal, La Rochefoucauld, La Bruyere, Mme. de Lafayette, La Fontaine and others. Prerequisite: 354, 397, or consent of instructor.

**402-6 (3,3) Contemporary French Novel and Theater.** (a) Major themes, forms, and techniques in the novel with particular emphasis on Gide, Proust, Malraux, Sartre, Camus, and Robbe-Gillet. (b) A study of the dramatic masterpieces of Girandoux, Claudel, Anouilh, Sartre, Camus, Ionesco, and Beckett with respect to structure, technique, themes, and language. May be taken out of sequence. Prerequisite: 354, 397, or consent of instructor.

**403-9 (3,3,3) French Literature of the 18th Century.** (a) Theater. (b) Novel. (c) Philosophic and Didactic Literature. Prerequisite: 354, 397, or consent of instructor.

**408-4 French Civilization.** Society, culture, social institutions, and the arts of contemporary France. Lectures, slides, discussions. Prerequisite: 350, or consent of instructor.

**409-3 French Romanticism in the Drama, Novel, and Poetry.** Prerequisite: 354, 397, or consent of instructor.

**419-3 French Poetry from Nerval through Symbolism.** Prerequisite: 354, 397, or consent of instructor.

**429-6 (3,3) French Novel and Theatre, 1850-1930.** (a) Realism, naturalism, and the reaction to these in the novel, from Flaubert through Barres. (b) Realism, naturalism, and symbolism in the theatre from mid-19th Century to 1930. Prerequisite: 354, 397, or consent of instructor.

**430-2 to 6 Travel-Study in France.** Comprises part of the travel-study program in France. Prerequisite: participation in the French travel-study program.

**461-4 French Stylistics.** A practical study of the aesthetics and theory of French literary expression through examination of various stylistics methods and through stylistic analyses of excerpts from representative works of great French authors. Prerequisite: 350, 354 or consent of instructor.

**498-3 Honors Seminar.** Study of an author or a special topic. Restricted to undergraduates. Prerequisite: consent of department.

**499-4 Honors Essay.** Individual exploration of some question, author, or theme of significance within the field of French literature or language. Restricted to undergraduates. Prerequisite: 498 and consent of department.

**501-2 to 6 Seminar on a Selected French Author.** Intensive study of one author. May be taken a maximum of 3 times.

**509-2 to 6 Studies in 19th Century French Literature.** Selected topics, movements, or authors.

**515-6 (3,3) Old French.** (a) Intensive reading and interpretation of the *Chanson de Roland*. (b) Linguistic and literary analysis of one or several romances by Chretien de Troyes.

**520-4 Graduate Composition.** Composition based on study of contemporary French; translation, imitation, writing in various styles.

**522-2 to 6 Studies in 20th Century French Literature.** Selected topics, movements, or authors.

**523-2 to 6 Studies in Medieval French Literature.** Study of two typical genres of medieval literature—the *chanson de geste* and courtly romance. Special emphasis on the *Chanson de Roland*, *Tristan et Iseult*, and Chretien de Troyes' *Perceval*. Other forms of medieval literature will be treated briefly.

**524-2 to 6 Studies in French Literature of the Renaissance.** Readings of the works of Rabelais and Montaigne or a study of Ronsard and the other Pleiade poets.

**526-2 to 6 Studies in 18th Century French Literature.** Topics, movements, or authors in the literature of the 18th century.

**536-3 (1,1,1) Teaching French at the College Level.** Prepares graduates students in French for teaching at the university level. Required of all teaching assistants in French. May not be counted to satisfy secondary certification requirements.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## GERMAN

**401-4 (2,2) Goethe's Faust.** (a) The Faust legend and early Faust books and



plays; the genesis of Goethe's **Faust**: reading of Part I. (b) Reading of Part II; study of the symbolism used such as the blending of paganism with Christianity, ancient Greek culture with Germanic culture. Must be taken in a,b sequence.

**402-3 Advanced German Syntax.** Descriptive and contrastive study of German syntax, with particular attention to the needs of prospective teachers.

**403-3 German Ballads and Lyrics.** A selective study of the foremost examples of German balladry and lyric poetry, ranging from the poetry of Klopstock and Buerger to that of Hesse, Benn, etc. Lectures, recitations.

**404-4 Weimar and Its Aftermath.** German writings from the inception of the Weimar Republic to the end of World War II, with special reference to the correlation existing between literary expression and social, economic, and political conditions.

**406-3 The German Comedy.** Comic and satirical works in German Literature, with special emphasis on the "Lustspiel" since 1800; lectures, reports.

**408-4 German Civilization.** Intensive study of the German speaking areas of the world, with emphasis on the anthropological and sociological aspects of their respective cultures (Austrian, German, Swiss, "Reichs-deutsch," etc.); lectures, reports.

**411-6 (3,3) Middle High German.** (a) Grammar, and selective readings in both MHG originals and NHG translations of such epics as the Nibelungenlied and Gudrun. (b) The courtly epic poetry of such authors as Wolfram von Eschenbach, Gottfried von Strassburg, Hartmann von Aue, the lyric poetry of Walther von der Vogelweide, and didactic prose.

**412-2 Contrastive Phonetics: English and German.** Study and comparison of the speech sounds of English and German. Provides prospective teachers of German with the skills requisite for helping students to develop adequate pronunciation habits in German.

**413-3 History of the German Language.** Survey of the development of German through the Old-, Middle-, and New-High-German periods; lectures, readings, reports. Prerequisite: 412.

**417-3 The German Drama of the 20th Century.** Reading and interpretation of the dramas of Brecht, Durrenmatt, Frisch, and others; lectures, discussions, and reports.

**497-1 to 2 Readings in 18th Century German Literature.** Departmental approval required.

**498-1 to 2 Readings in 19th Century German Literature.** Departmental approval required.

**499-1 to 2 Readings in 20th Century German Literature.** Departmental approval required.

**500-2 Seminar in Contemporary Literature.** Intensive study of the works of representative German authors, with special reference to the correlation existing between literary expression and social, economic, and political conditions since 1900. Lectures, outside readings, reports.

**501-2 to 6 Seminar on a Selected German Author.** Intensive study of one author—his life, his work, and his place in the literary and cultural development of civilization. Lectures, outside readings, reports.

**503-3 Introduction to Germanic Linguistics.** Introduction to comparative Germanic linguistics, tracing relationships among Germanic languages on the basis of phonology, morphology, and syntax. Prerequisite: 412.

**506-2 Romanticism I.** Study of the forerunners of German Romanticism: Holderlin, Jean Paul; and the authors of Early Romanticism: the writers of the so-called "Berlin School," with special attention to their involvement and reaction to 18th century thought. Lectures, reports.

**507-2 Romanticism II.** Study of Patriotic Romanticism: Kleist, Arndt, Korner, Uhland, etc. and Late Romanticism: Eichendorff, Lenau, Grillparzer, Heine, Morike, etc. Lectures, reports.

**509-4 (2,2) Old High German.** (a) Phonology, morphology, etymology, and syntax. (b) Continued study of grammar and reading of Franconian, Bavarian, and Alemannic texts.

**512-3 19th Century German Novel.** German literature from the decline of Romanticism to the end of the century. A study of trends and representative works of such authors as Keller, Fontane, Raabe, etc. Lectures, reports.

**513-3 20th Century German Novel.** Continuation of 512. Study of representative writers of expressionism, "Neue Sachlichkeit," etc. Lectures, reports.

**514-3 Seminar in Folklore.** Study of German folk literature, with emphasis on folk tales (such as Grimms' Household Tales, regional sagas, etc.), chap-



books (such as Dr. Faust, Till Eulenspiegel, etc.), folksongs (Des Knaben Wunderhorn), and folk drama. Lectures, reports.

**533-3 Gothic.** Historical setting and significance of Gothic; phonology, morphology and syntax; selected readings from Wulfila.

**536-3 (1,1,1) Teaching German at the College Level.** Prepares graduate students in German for teaching at the university level. Required of all teaching assistants in German. May not be counted to satisfy secondary certification requirements.

**554-3 German Classicism.** Analysis of philosophical influences (Herder, Kant) in the classical period and intensive reading of major works of Goethe, Schiller, Kleist, and Jean Paul. Lectures, discussions, and reports. Prerequisite: graduate standing.

**599-2 to 9 Thesis.**

#### GREEK

The Greek section does not offer a major concentration in the program leading to the M.A. in Foreign Languages degree. Four hundred level courses may be taken for graduate credit, however, unless otherwise indicated in the course description.

**415-2 to 8 Readings from Greek Authors.** Flexible reading program of works not included in other courses. By special permission only. Not for graduate credit.

#### LATIN

The Latin section does not offer a major concentration in the program leading to the M.A. in Foreign Languages degree. Four hundred level courses in the Latin section may be taken for graduate credit, however, unless otherwise indicated in the course description.

**415-2 to 8 Readings from Latin Authors.** Flexible reading program of works not included in other courses. By special permission only. Not for graduate credit.

#### ROMANCE PHILOLOGY

The Romance Philology section does not offer a major concentration in the program leading to the M.A. in foreign languages degree. Four hundred level courses in the Romance Philology section may be taken for graduate credit unless otherwise indicated in the course description.

**410-4 Romance Philology I.** Survey of phonology, morphology, and syntax changes in Romance languages in general; special attention to the developments in French and Spanish for majors in these fields.

#### RUSSIAN

The Russian section does not offer a major concentration in the program leading to the M.A. in Foreign Language degree. See Chapter 2 regarding a concentration in Russian for the Master of Science in Education degree in secondary education or higher education.

**400-4 Travel-Study in USSR.** Specialized course comprising part of the travel-study program in the Union of Soviet Socialistic Republics. Prerequisite: 201c or equivalent.

**405-4 Translation Techniques.** Translation of material from humanities, social sciences and sciences; discussion of techniques, procedures, methodology, and art of translation. The course is also designed for students majoring in fields other than Russian. In addition, students will spend several hours weekly in a workshop translating individually supervised projects. Prerequisite: 201c or consent of the department.

**408-4 Soviet Civilization.** A study of present-day political, economic, and social institutions of the Soviet Union. Reading and translation from contemporary news media. Prerequisite: 201c or consent of department.

**412-4 Russian Realism.** Authors in the 19th century Russian literature. Special attention to stylistic devices. Lectures, readings, and individual class reports. Prerequisite: 308b or consent of department.

- 413-4 Russian Drama in the Nineteenth Century.** Griboyedov, Gogol, Pushkin, and minor dramatists. Prerequisite: 308b or consent of department.
- 414-3 Russian Poetry from Zhukovsky to 1920.** A study of Russian Poetry from Sentimentalism through Symbolism. Prerequisite: 308b or consent of department.
- 415-3 Russian Phonetics.** Analysis of the sounds of Russian and their manner of production; intonation and stress; levels of speech, oral practice. Prerequisite: 201c.
- 416-4 Russian Poetry Since 1920.** Literary trends and representative works of Russian poets such as Mayakovsky, Yevtushenko, Voznesensky, and others. Prerequisite: 308b or consent of department.
- 425-3 Soviet Russian Literature.** Major fiction writers and literary trends since 1917. Lectures, readings, and reports. Prerequisite: 308b or consent of department.
- 452-4 Advanced Composition and Conversation.** Oral and written composition of a practical nature for advanced students; emphasis on study of idiomatic expressions and current usage.
- 462-4 Russian Stylistics.** Writing style in Russian and its application to the development of skill in written expression. Advanced work in the principles of Russian grammar and composition. Prerequisite: 308b or consent of department.
- 500-2 Seminar in Contemporary Russian Literature.** Intensive study of the works of representative Russian authors, with special reference to the correlation existing between literary expression and social, economic, and political conditions since the Revolution. Lectures, outside readings, reports are required.
- 501-2 Seminar on a Selected Russian Author.** Intensive study of one author, his life, his work, and his place in the literary and cultural development of civilization.
- 503-2 Seminar on 19th Century Russian Literature.** Intensive study of the modern Russian novel as an expression of social and cultural movements. Outside readings and class discussions.
- 510-3 Russian Literature of the 18th Century.** The Baroque period, classicism and sentimentalism. Emphasis on the classical period of the 18th century. Analysis of texts and reports.
- 514-6 (3,3) History of the Russian Language.** A survey of the phonological, morphological, and syntactical changes from the period of the common Slavic to the present Russian literary language.
- 520-4 Russian Linguistic Structure.** Structural analysis of present-day Russian with special attention to morphology and syntax.
- 525-4 Comparative Slavic Phonology and Morphology.** Contemporary comparative Slavic languages. Emphasizes phonology, morphology, and syntax.
- 599-2 to 9 Thesis.**

#### SPANISH (Iberian)

- 400-4 Travel-Study in Spain.** Course taught as part of the travel-study tour in Spain. Usually given in the summer. Prerequisite: participation in travel-study tour in Spain.
- 401-3 Spanish Novel of the 19th Century.** Study of representative novels of Fernan Caballero, Valera, Pereda, Galdos, etc.
- 402-3 Spanish Drama of the 18th and 19th Centuries.** Reading of representative plays of the chief dramatists from Moratin to the Generation of 1898.
- 403-3 Spanish Poetry.** General survey of Spanish poetry from its beginnings to 1900.
- 404-6 (3,3) Spanish Literature of the Twentieth Century.** (a) The Generation of 1898. (b) Contemporary Novel and Essay. Main trends of the Spanish novel and essay since 1900.
- 415-4 The Linguistic Structure of Spanish.** Phonology and grammatical structure of Spanish. Examination of the features of the principal dialects. Required of all majors.
- 425-4 History of the Spanish Language.** Survey of development from the Middle Ages to the present.
- 440-6 (3,3) The Golden Age: Drama.** Plays of Lope de Vega, Calderon, Tirso de Molina, Ruiz de Alarcon, and others.
- 445-4 Cervantes.** Don Quixote; Other works assigned as collateral readings.
- 490-1 to 6 Readings in Spanish.** Directed independent readings in a selected area. Prerequisite: consent of department.



**501-2 to 6 (2 per quarter) Seminar on a Selected Spanish Author.** Study of one author—his life, his works, and his relationships to the literary and social currents of his time.

**502-3 Seminar in Hispanic Linguistics.** Intensive study of a selected topic to be announced each quarter. May be repeated for different topics. (Suggested topics: semantics, meta-linguistics, problems in translation, Hispanic dialectology, etc.)

**515-6 (3,3) Old Spanish.** (a) Intensive reading and interpretation of the *Poema de Mio Cid*. (b) Reading of various medieval works with linguistic analysis.

**520-3 Seminar in Syntax.** Stylistics and grammatical analysis.

**536-3 (1,1,1) Teaching Spanish at the College Level.** Prepares graduate students in Spanish for teaching at the university level. Required of all teaching assistants in Spanish. Does not satisfy secondary certification requirements.

**590-1 to 4 Readings in Spanish.** Directed independent readings in a selected area.

**599-2 to 9 Thesis.** Minimum of five hours to be counted toward a master's degree.

### SPANISH (American)

**400-4 Travel-Study in Spain.** Course taught as part of the travel-study tour in Spain. Usually given in the summer. Prerequisite: participation in travel-study tour in Spain.

**421-3 Survey of Modernism in Spanish American Poetry.** Study of its origins, characteristics and achievements.

**422-3 Contemporary Spanish American Poetry.** Spanish American poetry since modernism.

**423-3 The Mexican Novel of the 20th Century.** Emphasis on fiction dealing with the Revolution and related social problems.

**424-3 Gaucho Literature.** Study of the Gaucho as a social class and of the types of literature developed to portray and symbolize his way of life, attitudes, and values.

**426-3 The Mexican Short Story.** Survey of the Mexican short story from pre-Conquest to the present.

**427-3 Spanish American Drama.** Study of representative works of Florencio Sanchez, Rodolfo Usigli, Armando Mooock, Samuel Eichelbaum, Xavier Villarrutia, and others.

**428-3 Colonial Literature.** Study of the literature of Latin America before 1800.

**429-6 (3,3) The Latin American Novel.** Survey of the genre in Latin America: (a) From the beginnings to 1940; (b) From 1940 to the present.

**478-4 Seminar in Latin American Thought.** (See Philosophy 478.)

**500-2 to 6 (2 per quarter) Seminar in Latin American Fiction.** The works of a specific novelist or group of novels on a similar theme studied as a reflection of social and cultural conditions in a country or geographical area.

**536-3 (1,1,1) Teaching Spanish at the College Level.** Prepares graduate students in Spanish for teaching at the university level. Required of all teaching assistants in Spanish. Does not satisfy secondary certification requirements.

**590-1 to 4 Readings in Spanish.** (See Spanish-Iberian.)

**599-2 to 9 Thesis.**

### Forestry

Courses in this department may require the purchase of supplemental materials. Field trips are required for certain courses.

**401-3 Advanced Forest Mensuration.** Theory and practical problems in biometrics to obtain estimates of forest populations. Use of computers and other advanced techniques. Prerequisite: 363a,b, 369.

**410-3 Forest Management for Wildlife.** Interrelations between forest practices and game. Forest protection from mammals and birds. Emphasis is on treatment of the forest. Prerequisite: forestry major, or consent of instructor.

**420-4 Advanced Wood Technology.** The study of wood as an industrial and structural material; the botanical, physical, chemical, and mechanical properties are discussed. The advantages and disadvantages of wood as a raw material are analyzed. Prerequisite: 320, Mathematics 111a,b or equivalent.



**433-4 Forest Products Industries.** Raw material requirements, the processes and the products of forest industries. The past, present, and future economic status of each industry is briefly examined. Requires field trips.

**440a-4 Ecology of Grasses and Grasslands.** (See Botany 440a.)

**450-4 Forest and Park Management.** Fundamentals of management and administration of recreation forests. Development of forests and suburban parks under a forest environment. Review of current local, state and Federal legislation applicable to forest recreation. Prerequisite: 350b or 460 or consent of instructor.

**451A-3 Forest Park Plans.** Fundamental and applied principles and elements involved in site, master, and comprehensive planning for outdoor recreation at the state, metropolitan, and federal level. Requires field trips. Prerequisite: 450 or consent of instructor.

**451B-4 Forest and Park Planning and Development.** Basic planning and design principles of space, scale and circulation applied to park and recreation areas at the state, metropolitan, and federal levels. Basic elements in park and recreation area site planning selection, and development. Requires field trips. Prerequisite: 451A.

**460-3 Forest Park Field Studies.** Park conditions, visitors, and management practices in different county, state, and federal park systems in the United States. Requires field trip. Prerequisite: 350a, or b or consent of instructor.

**463-3 Regional Silviculture.** Applied systems of silviculture to commercially important timber species and types in U.S. Prerequisite: 365b.

**466-3 Forest Watershed Management.** Effects of treatment of forested watersheds on quality and quantity of water yield. Consideration of alternative in water use and flood control. Prerequisites: 365a, Plant Industries 301, GSA 330, or consent of instructor.

**470-8 (4,4) Economics of Forestry.** (a) Introduction to forest economics; forestry production and investment. (b) Forestry marketing, macro-economics and planning. Taken in a,b sequence. Prerequisite: Agricultural Industries 204, or Economics 215, or equivalent.

**471-4 Land Resource Economics.** (See Agricultural Industries 471 or Economics 471.)

**475-4 Forest Management.** The application of business procedures and technical forestry principles to manage forest properties for their resources and benefits. Requires field trips. Prerequisite: 340, 363a,b; 365a,b; 470.

**483-4 Urban Forest Management.** Evaluation of urban forests, city forest preserves, and city watersheds. Emphasis on urban environment (soil, water, atmosphere) and tree species adapted to it. Administrative and legislative problems and forestry practices considered. Expenses required for 3-day field trips. Prerequisite: 221 or knowledge of plant materials.

**490-4 to 16 Practicum.** Supervised practicum experience in a professional setting. Emphasis on administration, supervision, teaching, and program leadership in community, school, park and forest, institution, and other recreation settings. Prerequisite: consent of instructor.

**520A-1 to 6 Readings in Forestry or Forest Recreation.** Intensive consideration is given to current practices and problems in forestry. Prerequisite: consent of instructor.

**520B-1 to 6 Readings in Resource Economics.** (Same as Economics 502 or Agricultural Industries 520b.) Directed readings in the field of resource economics. Prerequisites: consent of instructor.

**520C-1 to 6 Readings in Forest Products or Wood Science.** Advanced study of the techniques of manufacture in the wood and fiber using industries. Also, advanced study of physical, mechanical and chemical properties of wood as a material. Prerequisite: consent of instructor.

**570-4 Principles of Research.** Research philosophy, approaches to research; theory, hypotheses, inference and prediction; problem identification, project development and organization; methods of data collection, analysis and presentation; drawing conclusions and organizing results. Prerequisite: 4 hours in statistical methods or consent of instructor.

**575-1 to 6 Research.** Directed research in selected fields of forestry.

**581-1 to 6 Advanced Forestry Seminar.** Study and discussion of contemporary forestry problems. Prerequisite: consent of instructor.

**588-1 to 12 International Graduate Studies.** University residential graduate study program abroad. Prior approval by the department is required both for the nature of program and the number of quarter hours of credit.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.



## Geography

**404-7 (4,3) Advanced Economic Geography I.** Deals with one or more of the following: transportation, manufacturing, agriculture, resources, trade and urban geography; depending on, and varying with, interests of instructors. Thus, a student may register more than one time. Emphasis will be directed at familiarizing the student with techniques of analysis, and at developing concepts and principles that underlie understanding of the phenomena and their geographic significance. Prerequisite: 304.

**406-7 (4,3) Advanced Cultural Geography I.** Deals with one or more of the following: population, settlement, ethnic characteristics, political factors; depending on, and varying with, interests of the instructors. Thus, a student may register more than one time. Emphasis will be directed at familiarizing the student with techniques of analysis, and at developing concepts and principles that underlie understanding of the phenomena and their geographic significance. Prerequisite: 306.

**407-7 (4,3) Advanced Cultural Geography II.** Content drawn from same broad range of topics as 406. To be alternated with 406 to enable student to specialize further in cultural geography. Prerequisite: 306 or consent of instructor.

**410-8 (4,4) Advanced Geographic Techniques.** Geographic applications of cartographic and quantitative research techniques. Prerequisite: 310 or consent of instructor.

**416-8 (4,4) Cartography.** Instruction and practice in the techniques of map-making and problems in map reproduction. Laboratory. Prerequisite: 310.

**421A-4 Urban Geography.** Examination of extracity relationships-theory and structure, intra-city relationships-theory and structure, and selected urban problems. Offered once annually. Prerequisite: consent of department.

**422-8 (4,4) Economics in Geography.** (a) Concepts, symbols, theory, language. Theory and analysis. Elementary mathematics, individual's preferences, production functions, the firm, markets, welfare economics, Pareto Optimality, and externalities. (b) Process, criteria, conditions. Certainty, uncertainty, and inter-temporal criteria; public, private, and merit goods and services; multipliers; shadow prices, spatial and regional economic concepts; public expenditure criteria; free market allocation, comprehensive plans, and multiple objectives. Prerequisite: taken in a,b sequence or consent of instructor.

**424-4 Regional Problems in Resource Management.**

**430-4 Theory of Environment.** Exploration of the hypothesis that the physical environment works on local hydrology, soils, natural vegetation, agriculture, and landforms, through energy and moisture exchanges. Emphasis on model building for comparison of subsystems, to rate effectiveness of contrasting environments, and to project these consequences to environmental management questions. Prerequisite: consent of department.

**431-4 Medical Geography.** Deals with the distributions of diseases and attempts to use the operational concepts of human ecology as a point of departure. A brief historical outline and an introduction to public health, epidemiology, and related fields is provided. Problems of communicable and chronic diseases, nutritional deficiency, geochemical relations, biometeorology and medical climatology, environmental pollution, and seasonal disease calendars are emphasized. Taught by Department of Geography staff.

**432-12 (4,4,4) Exchanges in Environment.** (a) Energy exchanges in the environment. (b) Moisture exchanges in the environment. (c) Momentum exchanges in the environment. Prerequisite: 302, or 400, or consent of the department.

**433-8 (4,4) Advanced Physical Geography.** Topics may include landforms, climate, soil, or water. Varies with the interests of the instructor. Prerequisite: 302.

**438-4 Applied Meteorology.** (See Geology 438.)

**440-2 to 6 Readings for Majors.** Supervised readings in selected subjects. Student submits statement of problem to instructor and departmental chairman before enrolling in course. Prerequisite: advanced standing and consent of instructor and department chairman.

**443-4 Teaching of Geography.** Presentation and evaluation of methods of teaching geography. Emphasis upon geographic literature, illustrative materials, and teaching devices suitable to particular age levels. Prerequisite: 300.

**450-4 Physical Environmental Systems in Geography.** Research in physical



geography. Budgeting of energy, momentum, and matter to models of atmospheric diffusion and circulation. Emphasis on research problems in urban climatology, hydrometeorology, bioclimatology, medical geography, and climatic geomorphology.

**451-4 Resource Management Systems in Geography.** Literature in resource management problems. Emphasis on theory methods of measurement and evaluation concerning implications of public policy. The role of resources in economic development and regional planning, water and related land resource problems, and environmental quality from a multi-disciplinary perspective.

**452-4 Systems of Cultural Adaptation in Geography.** Cultural-historical inquiry in geography. Emphasis on theory and methodology in the study of the relations between nature and culture, the evolution of livelihood forms, and cultural persistence and change in a geographical context.

**470-16 (4,4,4-8) Urban Planning.** (Same as Government 470.) (a) Planning concepts and methods, (b) field problems, (c) planning and public administration internship. Prerequisite: junior standing.

**471-7 (4,3) Regional Planning.** Examination of the viewpoint, methods, and techniques of regional planning. Prerequisite: consent of instructor.

**487-10 (2,4,4) Honors in Geography.** (a) Tutorial, (b) reading, (c) supervised research. Must be spread over the last two years of the undergraduate's career. Open to students in the honors program with consent of the department. May be taken in either a,b,c or b,a,c sequence.

**490-1 to 16 (1 to 4, 1 to 4, 1 to 4, 1 to 4) Tutorial in Geography.** Individual and small group conferences with staff members to examine geographic concepts. (a,b,c) Prerequisite: senior concentration in geography. (d) Summer institute. Not for geography majors.

**500-4 Geographic Techniques I.** Emphasizes field and quantitative techniques used in geography.

**502-4 Principles of Research.** Meaning, philosophy, science, reasoning, creative endeavour, problem identification of research, research methodology, preparation of project statements, analysis, and results in a multi-disciplinary approach. Prerequisite: graduate standing.

**505-8 (2,2,2,2) Pro-Seminar in Geography.** Discussion of basic issues and development of professional perspective in (a) Physical, (b) Economic, (c) Cultural, (d) Geographic Thought. Taught by the entire resident staff.

**511-4 Philosophy of Geography.** The nature of geography. Current trends in the field, present-day geographers, and schools of thought. Geography's place among the disciplines.

**514-2 Teaching of College Geography.**

**515-4 to 6 Field Course.** Designed to give actual experience in the field. Under guidance of staff members students will gather data and work toward the solution of selected field problems in one particular region of the world. This course will not be offered on campus, but will be in a field camp location suited to the study of selected problems. Prerequisite: consent of department.

**520-2 to 12 Seminar in Physical Geography.**

**521-2 to 12 Seminar in Economic Geography.**

**522-2 to 12 Seminar in Regional Geography.**

**523-4 to 12 Seminar in Cartography.** Prerequisite: 416 or consent of department.

**524-2 to 12 Seminar in Cultural Geography.** Prerequisite: consent of department.

**525-4 Seminar: Economics in Geography.** (See Economics 525.) Prerequisite: 422b or consent of instructor.

**527-2 to 8 Seminar in Urban and Regional Planning.** Prerequisite: graduate standing or consent of instructor.

**530-2 to 10 Independent Studies in Geography.**

**540a-2 to 36 Research in Physical Geography.** Prerequisite: 520.

**540b-2 to 36 Research in Economic Geography.** Prerequisite: 521.

**540c-2 to 36 Research in Regional Geography.** Prerequisite: 522.

**540d-2 to 36 Research in Cultural Geography.** Prerequisite: 524.

**550-2 Introduction to Graduate Studies in Geography.** Faculty introduce examples of research and convey the nature of researchable topics to students. Introduces students to the evaluation of research designs. Prerequisite: graduate standing.

**599-3 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree. Prerequisite: consent of department.

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor or Philosophy degree.



## Geology

**400-3 Earth Science Seminar.** The interrelationships and unifying principles of the earth science fields. Illustrations of the nature of the Earth's dynamic system designed especially for science teachers and earth science students. Prerequisite: GSA 110, upper class standing, or consent of department.

**412-3 Advanced Mineralogy.** A continuation of Geology 310 with emphasis on crystallography, crystal chemistry, crystal structure and stereographic projection. Prerequisite: 310.

**414-5 Paleobotany.** (See Botany 414.)

**415-3 Optical Mineralogy.** The optical properties of minerals and the use of the petrographic microscope for identification of crystals by the immersion method. Lecture-laboratory. Prerequisites: 310, Physics 111b, 206b, or 211b.

**416-4 X-Ray Crystallography.** (Same as Chemistry 416.) Introduction to the study, measurement, and identification of unknown crystalline materials by X-ray diffraction techniques (especially the Debye-Scherrer methods). Upon request, non-geology majors may work with unknowns from their own fields of study. Prerequisites: 310, Mathematics 150b or consent.

**418-4 Low Temperature Geochemistry.** The application of chemical principles to geologic processes that occur on and near the earth's surface. Lecture and laboratory. Prerequisites: 310, Chemistry 121a,b.

**420-8 (4,4) Geology of Petroleum.** The geological occurrence of petroleum, including origin, migration, and accumulation; a survey of exploration methods and production problems and techniques. Laboratory study applies geological knowledge to the search for and production of petroleum. Laboratory. Prerequisites: 221, 302.

**425-5 Invertebrate Paleontology.** Principles of paleontology and a survey of the important invertebrate phyla and their fossil representatives. Laboratories. Field trips required. Prerequisites: 221 or GSA 115.

**428-4 Paleocology and Environments of Deposition.** Characteristics, distribution and classification of recent and ancient environments. Criteria for recognizing ancient environments. Sedimentologic and paleoecologic approaches. Recognition of ancient environments and environmental associations. Laboratory. Field trips required. Prerequisites: 425, 325.

**430-4 Physiographic Provinces of North America.** The factors and geologic history which have determined the nature of the landscape in the physiographic divisions of North America. Prerequisite: 220 or consent.

**435-8 (4,4) Hydrogeology.** A problem-solving oriented course which covers the analysis and interpretation of the distribution, origin, movement, and chemistry of ground water. Laboratory. Must be taken in a,b sequence. Taught in alternate years after 1973-74. Prerequisites: 220, Mathematics 252.

**436-8 (4,4) Elementary Exploration Geophysics.** Theory and practice of geophysics as applied to the exploration and development of natural resources. Laboratory involves use of geophysical instruments and interpretation of field data. Field trips required. Taught in alternate years after 1972-73. Prerequisite: 220; Mathematics 252; Physics 111, 206, or 211 or concurrent enrollment.

**438-4 Applied Meteorology.** (Same as Geography 438.)

Analysis of meteorological patterns approached through study of several case histories. Evaluation of meteorological data, air mass and frontal analysis, development of weather forecasts, study of meteorological instruments, clouds, and precipitation patterns. Prerequisite: GSA 330 or consent of instructor.

**440-1 to 4 Independent Study.** Independent study which does not normally require the development of new basic data. Hours, and subject matter decided during consultation with a faculty member. Prerequisite: advanced standing and consent of instructor.

**449-1 to 3 Internship.** Credit for professional experience in the geological sciences. Arrangements made with chairman. Prerequisite: advanced standing.

**450-3 Introduction to Field Geology.** Introduction to field techniques, principles of geologic mapping, and map interpretation. Field trip fee \$5. Prerequisites: 302 and 315.

**454-9 Field Geology.** Advanced field mapping in the Rocky Mountains, including problems in stratigraphy, structure, petrology, paleontology, geomorphology and economic geology. Transportation fee \$70, supplies \$6 (s). Prerequisites: 302 and 315; 450 recommended.

**455-3 Engineering Geology.** (Same as Engineering 455). An examination of



problems posed by geology in the design, construction and maintenance of engineering works. Topics studied include ground water, land subsidence, earthquakes, and rock and soil mechanics. Two term papers and a field trip required. Prerequisite: 220 or consent.

**460-4 Geological Data Processing.** Two lecture and two laboratory periods each week for instruction in computer application to geological problems including the processing and programming of data and the interpretation and evaluation of results. Prerequisites: Engineering 222 or Computer Science 202.

**470-9 (3,3,3) Earth Science for Teachers.** Earth's dynamic system, and principles of the physical and earth sciences applied to man's environmental problems. Use of ESCP, Time, Space and Matter, IPS, ESS and other curriculum project materials, development of study units and individualized projects. Prerequisite: teaching experience.

**476-3 Pleistocene Geology.** Deposits, stratigraphy, and history of the Pleistocene epoch. Evidence for differentiating and dating the glacial and interglacial sequence examined including deep sea cores, soils, magnetic studies. Required field trips. Prerequisite: 220, 221.

**482-4 Coal Petrology.** Structural features and microscopy of coal seams. Origin and alteration of coal constituents. Includes field trips, study of coal specimens, and techniques. Prerequisite: 220 and 221 or consent of instructor.

**484-4 Palynology.** (Same as Botany 484.) Taxonomy, morphology, stratigraphic distribution, and ecology of fossil pollen, spores, and associated microfossils. Prerequisite: 220, 221, or consent of instructor.

**500-1 to 3 Teaching for Geology Graduate Students.** To help teaching assistants develop skills in conducting laboratory work and leading discussions. One hour required for all teaching assistants in Geology. Graded on an S/U basis only.

**510-8 (4,4) Sedimentation-Stratigraphy.** (a) Advanced sedimentation. Properties and classification of detrital and carbonate sediments. Sedimentary processes. Methods and criteria for interpretation of environments of deposition. (b) Stratigraphic column, stratigraphic maps, correlation, radiometric chronology, basin analysis, and stratigraphic models. Prerequisite: 410.

**513-3 Advanced Geologic Data Analysis.** Probabilistic and statistical methods utilized in the analysis of geologic data. Emphasis on sedimentary and stratigraphic data analysis. 2 hours of lecture and one laboratory period each week. Prerequisite: 460 or consent of instructor.

**515-4 Metallic Mineral Deposits.** Principles of metalliferous mineral transportation and deposition. Study of the geologic settings of selected examples of various types of metalliferous mineral deposits. Lecture, laboratory and field trips. Prerequisite: 302 and 315.

**516-4 Industrial Rocks and Minerals.** Geologic setting, origin, and uses of rocks and minerals used by industry for purposes other than sources of metals. Prerequisite: 315.

**518-4 Clay Mineralogy.** Study of the structure, chemistry, origin, and geologic importance of clay minerals. Industrial and other applications of clays. Lecture-laboratory. Prerequisite: 310 or consent.

**520-12 (4,4,4) Advanced Petrology.** (a) Igneous Petrology. Physical chemistry, petrographic classification, and genetic relationships of the igneous rocks. (b) Metamorphic Petrology. Physical chemistry, petrographic classification, and genetic relationships of the metamorphic rocks. (c) Sedimentary Petrology. Petrographic classification and origin of sedimentary rocks. Prerequisites: 310, 415, or equivalent.

**528-6 (3,3) Micropaleontology.** Structure, classification, paleoecology, stratigraphic distribution, and evolution of microfossils. Laboratory work in techniques of collection, preparation, and study of microfossils. Identification and use of microfossils in solving stratigraphic problems. Preparation for research in micropaleontology. (a) Conodonts and ostracodes. (b) Foraminifera. Prerequisite: 425 or consent of instructor.

**529-8 (4,4) Advanced Invertebrate Paleontology.** Advanced topics in applied paleontology and paleoecology. Field and laboratory studies including techniques and quantitative methods of study. Preparation for research in paleontology. (a) Emphasis on bryozoans, mollusks and arthropods. (b) Emphasis on coelenterates, brachiopods, and echinoderms. Prerequisite: 425 or consent.

**540-1 to 9 Advanced Studies.** Advanced studies in various topics. Specific subject matter is announced for each term in the Schedule of Classes for that term. Prerequisite: consent.

**541-1 to 4 Research.** Research in a topic of restricted scope which will require the collection and analysis of new, basic data. No more than nine quarter hours



total credit allowed for 440 plus 541. Hours and subject matter decided during consultation with a faculty member. Prerequisite: consent of supervising instructor.

**542-3 (1,1,1) Seminar in Geology.** Seminars in advanced topics in geology. Prerequisite: graduate standing.

**578-8 (4,4) Advanced Geomorphology.** (a) Fluvial geomorphology. Detailed study of river processes, landforms, and major concepts related to geology. Floods, drainage basin analyses, and hydraulic geometry. (b) Glacial and periglacial geomorphology. Glacial mechanics. Characteristics and origin of erosional features and deposits formed by glacial and periglacial processes. Prerequisite: 374.

**582-3 Advanced Coal Petrology.** Microscopy, source materials, coalification, constitution and classification of peats, lignites, bituminous coal, anthracite, applications to industrial problems. Prerequisite: 482.

**584-3 Advanced Palynology.** (Same as Botany 584.) Paleoecological interpretations, morphology and advanced techniques of analysis and preparation of fossil spores and pollen. Prerequisite: 484.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

### Government

**403-4 Introduction to the Theories of International Relations.** Systematic analysis of a variety of approaches which seek to explain the actions of nations. The realist and utopian traditions, ecological factors, decision-making processes, theories of conflict and integration, equilibrium and systems analysis, and other topics. Prerequisite: 303 or graduate standing.

**406-4 The American Chief Executive: President and Governor.** A study of the origin and background of the presidency and the governorship, qualifications, nomination and election, succession and removal, the organization of the executive branch, and the powers and functions of the president and governor. Prerequisite: GSB 212 or 231.

**420-4 Pressure Groups and Politics.** An analysis of interest groups and their techniques of political propaganda. Prerequisite: 231 or GSB 212.

**425-4 Blacks and Whites in American Politics.** Topics include various forms of political participation, leadership behavior, and analysis of political strategies including the Black Power concept. Prerequisite: 231 or GSB 212.

**430-3 Government and National Security.** The role of the military in American society and policies and the development of military and disarmament policy. Comparison made between American developments and in other countries, including Russia.

**436-3 Government and Labor.** (See Economics 436.) Prerequisite: 231, or GSB 211, GSB 212, or consent of instructor.

**438-4 Social Welfare Legislation.** The Social Security Act and other legislation of major significance for the welfare and maintenance of the family, the handicapped, children, and other special groups. Their relationship of the legal structure of federal, state, county, township, and municipal welfare facilities and institutions with indications of economic and social consequences.

**440-4 Public Personnel Administration.** An analysis of some of the central problems encountered by the government executive in recruiting, maintaining, and developing personnel, such as political neutrality, leadership and motivation, career development, security regulations, and the role of personnel in policy planning and execution. Prerequisite: 360.

**441-4 Philosophy of Politics.** (See Philosophy 441.)

**450-8 (4,4) Latin American Governments.** (a) Problem analysis of contemporary Latin American government and politics. (b) Latin American national systems.

**451-4 International Politics of Europe.** Comparative analysis of foreign policies of major states. Includes nationalism, unification and security, and Western Europe's relations with the developing world, Eastern Europe, the U.S.S.R., and the U.S.A.

**452-4 Government and Politics of Sub-Saharan Africa.** Government and politics of French-, English-, and Portuguese-speaking areas of sub-Saharan Africa. Reference to decolonization process and the relations of African states with each other and with non-African powers. May be taken in any sequence. Prerequisite: GSB 390, or 391, or consent of instructor.

**453-8 (4,4) Soviet Russia.** (a) Ideological foundations of Soviet politics. (b)

Dynamics of Soviet government and economy. Prerequisite: GSB 390 or consent of instructor.

**454-8 Development of German Democracy.** Involves a summer's residence in Germany with classroom material supplemented by lectures by German professors and government officials. Prerequisite: consent of instructor.

**455-4 Major Governments of Western and Central Europe.** A comparative study of the political systems of the major countries of Western and central Europe. Prerequisite: GSB 390 or consent of instructor.

**456-4 Great Britain and the Commonwealth.** The commonwealth association and the politics of Great Britain and the "Old Commonwealth" countries: Australia, Canada, New Zealand.

**457-4 Government and Politics in the Middle East.** The Arab states of the Middle East and Israel. Socialization and integration patterns, the traditional and revolutionary regimes, and regional cooperation and conflict. Prerequisite: GSB 390 or consent of instructor.

**458-12 (4,4,4) Government and Politics of Asia.** (a) Politics and governments of Burma, Thailand, Malaysia, North Vietnam, South Vietnam, Cambodia, Laos, Singapore, Indonesia, and the Philippines. (b) Internal political, economic, and social development of China and Japan. (c) Politics in India, Pakistan, Ceylon, Nepal. May be taken in any sequence.

**459-4 Politics of Developing Areas.** A survey, theoretical and descriptive, of the impact upon politics of the process of development, and the role of the governmental system in the direction and control of development. Prerequisite: GSB 390 or consent of instructor.

**460-4 Policy Analysis.** Basic concepts in the policy sciences, approaches to policy analysis, applications to selected areas of policy, and instruments of policy development.

**461-4 Organization Theory and Public Administration.** Analysis of various approaches to organization theory and public administration with emphasis on recent American literature in this field. Prerequisite: 360 or consent of instructor.

**462-3 Intergovernmental Relations.** Interaction between governmental units in the American federal system and the impact on the formulation of public policy and the performance of governmental functions. Prerequisite: 231 or GSB 212.

**463-3 Governmental Social and Economic Policy.** Examination of public policy-determining agencies and attributes of the American governmental system, with especial emphasis upon the national government and its processes and arrangements for social and economic policy-formulation and implementation. Prerequisite: 231 or GSB 212.

**466-3 State Government and Administration.** Emphasis on recent developments and research findings. Prerequisite: 232.

**467-4 Urban Politics.** Environment, institutions, processes, and functions of government in an urban society. Emphasis on current problems of social control and the provision of services in the cities. Prerequisite: 232.

**468-4 Comparative Urban Politics.** Comparative analysis of urban political systems in the U.S. and other nations. Attention to the social environment, political structures, political processes, and public policies of selected urban areas. Prerequisite: 232, with 467 recommended.

**469-3 Administration of State and Local Finance.** An examination of the administrative problems connected with local and state revenues and expenditures in the U.S. Prerequisite: 232.

**470-4 Urban Planning.** (See Geography 470.) Prerequisite: consent of instructor.

**471-4 The Organization and Administration of American Foreign Policy.** An advanced course dealing with the organizational and administrative aspects of American foreign policy. Prerequisite: GSB 345 or consent of instructor.

**472-4 International Organization.** Development and organization of international governmental and administrative systems, with emphasis on the United Nations. Prerequisite: 303.

**474-3 Law Enforcement Administration.** (Same as Administration of Justice 474.) Development and changing roles of the police; forms of state, local, and municipal control; conflict areas, intergovernmental cooperation, and developing needs for regional law enforcement; structures and internal administration of police departments; the police, organized crime, riots, and minorities. Prerequisite: 360, 467, or consent of instructor.

**475-8 (4,4) International Law.** (a) Rules and practices governing the nations



- in their relations in peace and war. (b) Investigation of special problems in international law. Prerequisite: 303 and 475a or consent of instructor.
- 477-4 Governments and Politics of Vietnam: North and South.** Development of nationalist and communist political groupings since the period of French domination. Role of the religious sects and the private armies. Constitutions and the legal and political systems of the two Vietnams.
- 478-4 International Politics.** Alignment and conflicts of the major powers in historical and contemporary perspective. Emphasis on the basic interests of the great powers, regional arrangements, spheres of influence, the use of coercion in world politics.
- 479-4 Advanced Comparative Politics.** Analysis of the comparative approach to the study of politics and the principal methods employed in this approach. Methodological and conceptual issues are presented in conjunction with basic political structures and processes. Prerequisite: GSB 390 or consent of instructor.
- 480-4 The Pacific and the Far East.** Political and strategic problems and the interplay of the foreign policies of the major powers in this area. Prerequisite: 303 or History 370.
- 481-4 International Relations of the Western Hemisphere.** Emphasis on the international behavior of Latin American nation-states and/or regions especially related to policy trends and historical and contemporary objectives of the U.S. Prerequisite: 392 and 450a; 450b recommended.
- 482-4 International Relations of Communist States.** History and analysis of the foreign policies principally of the Soviet Union and China, with some attention to Eastern Europe, North Korea, North Vietnam, and Cuba. Prerequisite: GSB 390 or consent of instructor.
- 483-4 International Relations of the Middle East.** Role of Middle Eastern countries in world affairs, international implications of Middle East conflicts, and strategic involvement of the U.S., Soviet Union, and other countries in the area.
- 484-8 (4,4) History of Political Theories.** (a) Ancient and Medieval theory, Plato, to Thomas Aquinas. (b) Renaissance and Rationalist theory, Machiavelli to Edmund Burke. Prerequisite: senior standing or consent of instructor.
- 485-4 Political Psychology.** Psychological theories as related to the development and change of political attitudes, leadership behavior, and mass political participation. Prerequisite: 200 recommended.
- 487-6 (3,3) American Political Ideas.** (a) Political ideas which shaped American beliefs and U.S. governmental systems, from pre-Colonial beginnings through the mid-Nineteenth Century. (b) Continuation of (a). From the mid-Nineteenth Century to the mid-Twentieth. Prerequisite: 231 or GSB 212.
- 488-9 (3,3,3) Recent Political Theory.** (a) Liberal political theorists from John Stuart Mill to the present. (b) Revolutionary political theorists from Karl Marx to the present. (c) Idealistic and nationalistic political theorists from Hegel to the present. May be taken in any sequence. Prerequisite: senior or graduate standing, or consent of instructor.
- 490-2 to 6 Honors Research.** Not for graduate students. Prerequisite: consent of instructor and chairman.
- 495-12 (4,4,4) American Constitutional Law and the Judicial Process.** (a) Role and policy of courts and the U.S. Supreme Court in the American political system. The court system, judicial review and self restraint, intergovernmental relations, separation of powers of the three branches, and the expansion of national power. Foreign commerce, war powers, power of taxation, and spending power. Prerequisite: GSB 212 or equivalent. (b) Civil liberties and civil rights. Rights of property under the contract and due process clauses and the rights of the first amendment. Prerequisite: 495a highly recommended. Prerequisite: GSB 212 or equivalent; 495a highly recommended. (c) Continuation of 495b. Constitutional guarantees relating to criminal procedure, equal protection clause, i.e., the constitutional guarantee against racial and other invidious discrimination, citizenship and elections, and the expansion of congressional power to legislate in the area of civil rights. Prerequisite: GSB 212 or equivalent, 495b or consent of the instructor.
- 497-4 Administrative Law.** Law as it affects public officials in carrying out the rights, duties, and necessary functions of the public office. Prerequisite: 360.
- 498-4 Jurisprudence.** (Theories of Law.) Major schools in legal thinking.



Positive law and natural law. Idea of justice and concept of natural rights. **500-9 (3,3,3) Methods of Empirical Research.** (a) Problems in the philosophy of science as related to research in political science. Prerequisite: 499 or consent of instructor. (b) Discussion of alternate data acquisition techniques and research designs for social scientists. (c) Techniques of data analysis and computer applications in social science research. Sections a and b are required. **501-4 to 12 Seminar in Legislative Process.** Prerequisite: basic courses, related training, or consent of instructor.

**502-4 to 12 Seminar in Selected Governmental and Political Problems.** Prerequisite: basic courses, related training, or consent of instructor.

**503-4 to 12 Seminar in Pressure Groups.** Prerequisite: 420 or consent of instructor.

**504-4 Seminar in Judicial Process.** An examination of the literature on such topics as judicial selection, the impact of court decisions, court procedure, and the factors affecting the decision-making behavior of judges. Prerequisite: 495 or equivalent or consent of instructor.

**505-4 to 12 Seminar in Political Parties.** Prerequisite: basic courses, related training, or consent of instructor.

**506-4 to 12 Seminar in Political Behavior.** Prerequisite: basic courses, related training, or consent of instructor.

**508-4 to 12 Seminar in International Politics.** Prerequisite: basic courses, related training, or consent of instructor.

**509-4 to 12 Seminar in International Organization.** Prerequisite: 472 or consent of instructor.

**510-4 to 12 Seminar in State Government and Politics.** Prerequisite: 466 or consent of instructor.

**511-4 to 12 Seminar in Local Government and Politics.** Prerequisite: 467 or consent of instructor.

**512-4 to 12 Seminar in Public Administration.** (a) Devoted to comparative public administration. (b) In depth study of selected problems of public administration. Prerequisite: 461 or consent of instructor.

**513-4 to 12 Seminar in Constitutional Law.** Prerequisite: 495 or consent of instructor.

**515-4 to 12 Seminar in Comparative Government and Politics.** Prerequisite: basic courses, related training, or consent of instructor.

**516-4 to 12 Seminar in Municipal Administration.** Prerequisite: 467 or consent of instructor.

**517-4 to 12 Seminar in Political Theory.** Prerequisite: 484, 488, or consent of instructor.

**520-4 to 12 Seminar in American Foreign Policy.** Prerequisite: basic courses, related training, or consent of instructor.

**521-1 to 12 Readings.** Supervised readings in selected subjects. Not more than 6 hours may apply toward the master's degree. Prerequisite: consent of instructor.

**525-4 to 12 Seminar in International Law.** Prerequisite: 475a or consent of instructor.

**530-4 to 12 Internship in Public Affairs.** Field work in the office of a governmental agency; city, county, state, national, or international. Under certain circumstances it might be in the office of a political party organization or in that of some organized pressure group. The type of internship and the place and organization in which it is taken must be mutually satisfactory to the student and the department. A paper in which the student correlates his academic knowledge with his practical experience is required. Prerequisite: consent of department.

**531-4 to 12 Seminar in Empirical Theory.** Systems structural-functional, conflict, decision-making, integration, organization, exchange, communications, democratic, totalitarian, change, and revolution theories analyzed to determine domain and predictive and explanatory capacities. Half of these theories offered every other year. Prerequisite: 500a,b or consent of instructor.

**551-4 to 12 Polimetrics.** Advanced seminar in empirical political science. Topics explored in depth: simulation, graph theory, game theory, applied non-parametric statistics, multivariate analysis, sampling, attitude measurement (scaling), and other quantitative analytic techniques utilized by social scientists. Prerequisite: consent of instructor.

**582-4 Criminal Law and the Correctional Process.** (Same as Administration of Justice 582.) Basic principles and administration of the criminal law and the



legal foundations of the juvenile court, the sentencing process, parole and probation, and the changing concept of mental competency. Prerequisite: consent of instructor.

**584-4 Seminar in Correctional Program Management.** (Same as Administration of Justice 584.) Analysis of management influence on treatment programs in various correctional settings. Field trips, observation, and research in addition to readings. Prerequisite: consent of instructor.

**595-2 to 12 Individual Research.** Selection, investigation, and writing of a research topic under the personal supervision of a member of the departmental graduate staff. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.** Minimum of 9 hours to be counted toward a degree. Prerequisite: consent of instructor.

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## Guidance and Educational Psychology

Courses in this department may require the purchase of supplemental materials. Field trips are required for certain courses.

**412-4 Mental Hygiene.** A survey of principles concerning factors and conditions in personal life that tend to facilitate or deter mental health. Mental health viewed as living creatively in an atmosphere of satisfactory interpersonal relations. Prerequisite: 305.

**422-4 Construction and Use of Evaluation Instruments.** Construction and use of teacher-made tests, elementary statistical concepts directly related to measurement, and selection and interpretation of standardized tests. Opportunities are provided for practical applications of concepts to school-related situations. Supplementary text required. Prerequisite: 305.

**442-4 Basic Principles of Guidance.** Introductory course on student personnel services. Survey of philosophy, principles, and organization of guidance services. Field interviewing experiences, and additional materials may be required. Prerequisite: 305.

**481-2 to 12 Seminar.** Conducted by staff members and distinguished guest lecturers on pertinent topics. Prerequisite: consent of instructor and department.

**501-2 to 12 Special Research Problems.** For majors in Guidance. Formulating, investigating, and reporting on a problem in the area of guidance. Prerequisites: advanced standing and consent of department.

**505-4 Introduction to Statistical Methods.** Covers such basic descriptive techniques as measures of central tendency and variability, graphical presentation of data, and various derived scores. Also correlation, sampling theory, and hypothesis testing.

**506-4 Advanced Statistical Methods.** Basic statistical inference techniques: correlation, hypothesis testing, confidence intervals, introduction to prediction and one-way analysis of variance. Prerequisite: 505.

**507-4 Design and Analysis of Experiments.** Systems of organizing and analyzing data so that maximum information can be obtained. Within the framework of multiple linear regression, the following topics are covered: analysis of variance, factorial designs, repeated measure designs, mixed designs, tests of homogeneity, and analysis of covariance. Prerequisite: 506.

**511-4 Research and Theory in Instructional Psychology.** Critical review of empirical, methodological and theoretical developments in the experimental study of instructional variables as related to student behavior. Students should be prepared to reproduce papers at their expense. Prerequisite: advanced standing.

**515-4 Psychological Aspects of Education.** Designed to survey the applications of psychology to educational settings. Prerequisite: advanced standing.

**521-8 (4,4) Analysis of Classroom Behavior.** Trains school psychologists and other school personnel to serve as a consultant to classroom teachers regarding (a) prevention and modification of undesirable classroom behaviors and (b) effective use of learning principles. Must be taken in a,b sequence. Prerequisite: 305.

**530-4 Standardized Testing: Theory, Use and Interpretation.** Principles and procedures for determining appropriate educational uses of tests and how to apply tests in the process of helping individual students. Emphasis will be on necessary principles for understanding standardized tests, interpretation of



test results to students, teachers and parents and developing school testing programs. Prerequisite: 505.

**531-4 Theory of Measurement.** A comprehensive coverage of principles of measurement. Includes logic and functions, scales, the theory of measurement error, validity, scale construction, and problems in human assessment. Prerequisite: 505 or consent of instructor.

**532-8 (4,4) Individual Measurement Theory.** (a) Assessment of individual mental factors with attention to theories, test validation, analysis of intelligence, and related research. Historical review, test standardization, and interpretation of the Stanford-Binet and Wechsler Scales are emphasized. (b) Discussion of problems in the administration of intelligence tests. Administration of the Stanford-Binet and the Wechsler intelligence scales for children. May be taken concurrently. Prerequisite: 505 or consent of instructor.

**537-4 Counseling Theory and Practice.** Systematic study of the assumptions and fundamental practices of major approaches to counseling. Observation and practice utilized to supplement didactic discussion. Prerequisite: consent of department.

**541-4 Occupational Information and Guidance.** For pupil personnel workers, teachers, and administrators to give an orientation to theoretical, economic and informational aspects of vocational guidance and to provide experiences with using career information in counseling and decision making. Obtaining occupational information materials for use in guidance and teaching, taking vocational field trips and field work with children or adolescents will be required. Prerequisite: 442.

**543-4 Guidance Through Groups.** Study of the methods, techniques and materials for the organization and utilization of groups for guidance purposes. Prerequisite: 442.

**545-4 Doctoral Seminar in Psychological Foundations of Education.** Open only to students admitted to doctoral curricula who have completed 590 and Educational Administration and Foundations 591.

**546-8 (4,4) Personality Assessment.** The review of related literature covers test development, standardization procedures, related research, and test interpretation. (a) Assessment of individual interests, motivations, and perceptual systems with attention to theories and assumptions of objective diagnostic tests. (b) Projective diagnostic tests, theories, and assumptions are stressed. Must be taken in a,b sequence. Prerequisite: 532a and consent of instructor.

**548a-2 to 12 Practicum in Secondary Guidance.** Supervised experience in group and individual guidance procedures with children and in working with parents and teachers. The development and organization of a secondary school guidance program is stressed, including the use and interpretation of occupational and other test materials appropriate for the secondary school. Intern experiences in secondary schools for a minimum of one day a week for two successive quarters is required. Use of a tape recorder is required. Prerequisite: 537 or consent of instructor.

**548b-2 to 12 Practicum in Elementary Guidance.** Supervised experience in group and individual guidance procedures with children and in working with parents and teachers. The development and organization of an elementary school guidance program is stressed, including the use and interpretation of occupational and other test materials appropriate for the elementary school. Intern experiences in elementary schools for a minimum of one day a week for two successive quarters is required. Use of tape recorder is required. Prerequisite: 537 or consent of instructor.

**548c-2 to 8 Practicum in Counseling.** Practical experience at the appropriate grade level in counseling with a representative sample of the population. Includes counseling and listening to recordings of counseling sessions individually or in groups. Intern experience in elementary or secondary school for a minimum of one day a week for one quarter is required. Use of tape recorder is required. Prerequisite: consent of instructor and 548a or 548b.

**548d-2 to 8 Practicum in School Psychology.** Supervised experience to help the student work effectively as a psychologist in the school setting. Focuses on the application of specific psychological skills, the teacher consultation, and program planning for educationally handicapped children. Travel for site visitations and observations is expected. Prerequisite: consent of instructor.

**553-2 to 4 Organization and Administration of Guidance and Pupil Personnel Services.** Principles, procedures, and plans necessary for initiating, developing, and appraising a school guidance program. Prerequisite: 537.



**555-2 to 12 Seminar in School Psychology.** Major professional issues and responsibilities; the school as a social system; ethical considerations; school related agencies and facilities; and professional organizations. Assists the student prepare the project proposal required for the specialist's certificate. Prerequisite: consent of instructor.

**562-8 (4,4) Human Development in Education.** Theories and research evidence regarding child development and behavior are investigated. These considerations focus upon implications for research and educational practices. (a) Childhood. Prerequisite: advanced standing. (b) Adolescence. May be taken in a,b sequence.

**567-2 to 12 Topical Seminar in Educational Psychology.** Contemporary topics and problems in the area of educational psychology. Conceptual and empirical activities. Prerequisite: consent of instructor.

**568-2 to 16 Topical Seminar in Counseling and Guidance.** Contemporary topics and problems in the area of counseling and guidance. Conceptual and empirical activities. Prerequisite: consent of instructor.

**580-2 to 12 Topical Seminar in Statistics and Measurement.** Discussion and practical experience in dealing with advanced statistical and measurement problems. In-service training is available for advanced graduate students. Prerequisite: consent of instructor.

**581-1 to 12 Specialized Practicum in Counseling, Guidance, and Counselor Supervision.** Prerequisite: 548c.

**590-2 Seminar in Behavioral Foundations.** A course required of all students beginning advanced graduate study. Students examine empirical modes of inquiry and empirical formulations of learning behavior. Topics explored include the classroom as a social system, the learner, learning models and data language. (Taken concurrently with Educational Administration 591. Prerequisite: formal admission to Doctor of Philosophy studies.)

**596-2 to 12 Independent Investigation.** For specialist's certificate students. Prerequisite: consent of instructor.

**597-1 to 12 Independent Study.** For doctoral students in educational psychology. Formulating, investigating, and reporting on research problems in the area of guidance and educational psychology. Prerequisite: consent of department.

**599-1 to 9 Thesis.** Prerequisite: consent of department.

**600-1 to 48 Dissertation.**

### Health Education

**400-4 Health Appraisal of School Children.** The role of the teacher in the health appraisal of the school child, including school health examinations, use of health records, and emphasis on training for recognition of health deviations from normal common among school children. Not open to students who have had 450.

**401-3 Disease Prevention and Control.** Principles and practices in the prevention and control of communicable, chronic and degenerative diseases in the school and community.

**405-4 Sex Education in Schools.** Problems of teaching sex education in schools. Designed to meet state requirements for preparation of teachers. Prerequisite: junior, senior, or graduate status, Health Education, Physical Education, or Elementary School major, or consent of department.

**415s-3 to 4 Workshop in Driver Education and Traffic Safety.** Summer course designed for pre-service and in-service teachers of driver education and traffic safety. Individual and group problems will be treated. Lectures by safety authorities, demonstrations, field trips, audio-visual materials, and individually supervised research in special problem areas. Prerequisite: 302 or equivalent.

**426-3 Knowledge Testing in Health Education.**

**442s-4 Practicum in Driver and Traffic Safety Education II.** Provides prospective teachers with dual-control, simulation, and multiple-car laboratory teaching experiences. Teaching beginners, developing programmed lessons, methods, and materials of instruction included. Prerequisite: 302s.

**443s-4 Driver and Traffic Safety Education Program Administration III.** Includes a study of program administration, supervision, and planning. Prerequisite: 442s.

**445s-4 Driver Simulation.** For in-service and pre-service teachers and super-



visors of driver and traffic safety education. Methods of instruction, equipment familiarization, program development and objectives. Prerequisite: 443s or consent of the instructor.

**450-4 Health Education in the Elementary School.** Responsibilities of schools to instruct their students in basic fundamentals of how to live healthfully. Principles, methods, programs and materials for the elementary teacher. The integration of health with other subjects, health observation of children, abnormalities, screening tests, and related materials. Not open to students who have had 400.

**460-4 School Health Program.** Shows the prospective teacher the fundamental processes involved in the teaching of health education at the secondary level.

**461-4 Workshop in Health Education.** Summer course for in-service teachers, administrators, advanced students, nurses, social workers, and others interested in public health aspects of school and community living. Individual problems of classroom health treated as units in such fields as speech defects and their detection and correction, communicable disease control, nutrition, social and mental hygiene. Lectures, demonstrations, films, field trips, and individually supervised research in special problems.

**462-4 Health Education Workshop.** A continuation of 461 with emphasis on total school health teaching objectives.

**463-1 to 4 Workshop in Health Education with Emphasis in Disaster Preparedness.** A continuation of 462.

**464-4 Workshop in Alcohol and Drug Education.** Summer workshop for those responsible for teaching about alcohol and drug substances. Emphasis on motivations for use, nonuse, and abuse and on the varieties of effects in the young and the older. Translates concepts, ideas, and information into teaching materials and approaches.

**470s-4 Highway Safety as Related to Stimulants and Depressants.** Relationship between alcohol and drugs and traffic accident causes. Concepts and educational programs designed to alleviate alcohol and drug related accidents. Prerequisite: advanced standing or consent of instructor.

**471-4 Organization and Administration of School Health.** Appraisal of overall school organization for health education, including health service and personnel, health and safety instruction, school environment, school health examination, local, state, and federal resources for health, health councils, and interdepartmental relationships.

**475s-4 Traffic Law Enforcement and Planning.** Acquaints Safety and Driver Education teachers with the purposes of traffic law enforcement and engineering and the methods used to fulfill these purposes on ways of improving existing services. Prerequisite: 433s or consent of instructor.

**480s-4 Workshop in Safety Education.** Summer course for in-service teachers, nurses, administrators, advanced students, and others interested in safety education as it applies to the public school and the community. Individual problems, lectures, demonstrations, films, field trips, and individual group study in special areas of interest. Prerequisite: 313 or 323 or consent of instructor.

**481s-4 Safety Education Workshop.** A continuation of 480s with emphasis on methods and evaluation of total school safety education. Prerequisite: 314s or 323s or 480s or consent of instructor.

**485-4 International Health.** A survey and analysis of the health beliefs, values, and practices of peoples in other cultures, with particular attention to how these beliefs and practices fit into a total way of life. An international orientation of potential value to both prospective teachers and students in other fields.

**488-4 Educational Aspects of Environmental Sanitation.** Application of principles of learning to man's contacts with his environment: water, food, air, radiation, housing, and refuse. Emphasis is placed upon both individual and community aspects of environmental health.

**489-4 Introduction to Vital Statistics.** An introduction to bio-statistics; examination of theories of population growth; understandings of collection, organization, summarization, presentation, evaluation, and interpretation of data relative to biological happenings.

**490-2 to 12 Field Work in School and Community Health.** Field training, observation, and participation in current public agency and school health programs. Provides practical experience for the health education student. Restricted to majors in the department or by special permission of the instructor.

**491-4 Health Teaching Methods in School and Community.** Various dimen-



sions of teacher-student relations in the classroom with emphasis on the multiple roles of the teacher. Prerequisite: 305, 471, or consent of instructor.

**495s-4 Driver Education for the Handicapped.** Methods and techniques designed to teach handicapped persons how to drive. Consideration of programs for EMH and physically handicapped. Familiarization with assistive equipment and program materials. Prerequisite: advanced standing or consent of instructor.

**498-2 to 6 Environmental Health Problems.** Designed to meet the needs and interests of those students with health education interests in various phases of specific aspects of environmental health: general sanitation; pollution; food, milk, water sanitation; garbage and refuse disposal; pest control and other similar problems. Prerequisite: community health major or consent of instructor.

**500-4 Community Organization for Health Education.** Review of the philosophies of community organization for health; techniques of group work, current research in community organization and examination of programs of community health agencies.

**510-4 Construction of the Curriculum in Health Education and Safety.** Review of health and safety instruction programs in elementary and secondary schools, consideration of health and safety needs and interests and their relationships to the curriculum, evaluation of health texts, and evaluation of current research.

**511-5 Practicum in Health Education Workshop.** Designed to give graduate and post-graduate students experiences in organizing, planning, and operating in-service training programs through workshop methods.

**515-4 Review of Current Literature in Health Education, Public Health and Safety Education.** A survey and analysis of the newer publications in the related fields of health education, public health, and safety education.

**520-4 to 6 Special Projects in Health Education and Safety.** Detailed research and study on advanced problems in the fields of public health, safety education, and health education.

**525s-4 Organization, Administration, and Supervision of Safety Education.** Designed to give the student basic principles of organization, administration, and supervision of safety education. Problems, policies practices, and methods involved in the organization and administration of a safety education program.

**526-4 Evaluation in Health Education and Safety.** Surveys and analyses of health and safety testing and evaluation, procedure includes surveys; inventories; knowledge, behavior and attitude tests; check lists; and questionnaires, their uses and limitations. Evaluation of total school health and safety program is emphasized. Prerequisite: consent of department.

**530s-4 Problems and Research in Accident Prevention.** Principles of accident prevention, causes of accidents, problems of behavior in school, home, traffic and transportation. Prerequisites: 443s, 525s, or consent of instructor.

**533a-4 Human Conservation.** An analysis of community health problem trends and changes including aging; chronic and degenerative diseases; mental illnesses; traumatic illness, injuries, and defects; radiological hazards; communicable diseases; and maternal and child health problems. An epidemiological approach to the cause, nature, extent, and trends in erosion and wastage of human resources. Prerequisite: permission of instructor.

**533b-4 Human Conservation II.** An analysis of community structures in relation to positive health services, education, and health living in respect to community health problems and health requirements. A study of trends in programming to meet minimum health requirements and to care for or ameliorate existing health problems and hazards on a communitywide basis. Prerequisite: 533.

**533c-4 Human Conservation III.** An analysis of the unmet health needs or requirements for optimum conservation of human resources in the community including a study of pilot and experimental programs and research in community efforts to meet health needs and solve existing health problems. An evaluative approach to existing health programming and research including an analysis of further needed experimentation and research and possible sources for leadership and funds for promoting community health research, programmings, and plannings. Prerequisites: 533a,b.

**536-4 Professional Preparation in Health Education.** National, state, local factors influencing teacher preparation in health education, including accreditation of teacher education programs, certification of health education teachers. Undergraduate and graduate curricula developed and analyzed.

**540s-1 to 4 Readings in Traffic and Safety Education.** For advanced students. Prerequisite: 24 hours of traffic and safety education course work, advanced graduate standing, and consent of instructor.



**545s-4 Externship in Traffic and Safety Education.** Laboratory and field experience with local, state, or national traffic or safety organizations. Prerequisite: advanced graduate standing and consent of instructor.

**550s-4 Current Developments in Driver and Safety Education.** Current problems, trends, and developments reviewed, analyzed, and evaluated relative to driver and safety education. Prerequisite: advanced graduate standing and consent of instructor.

**590-4 to 12 Field Internship.** Full quarter of field work with an approved department of public health or voluntary health agency under the supervision of the agency officer in charge and the supervisor from the Department of Health Education.

**597-3 (1,1,1) Seminar in Health Education and Safety.** Devoted to discussing individual health and safety projects, presenting research problems, and preliminary presentation of dissertation topics.

**599-3 to 9 Thesis.**

**600-1 to 48 Dissertation.** The dissertation for the Doctor of Philosophy degree in the College of Education must meet the minimum requirements of 36 hours.

## Higher Education

**402-2 Principles of Student Personnel Group Work.** Acquaints the student with group work possibilities and functions in higher education.

**510-4 Higher Education in the United States.** An overview of American higher education in historical and sociological perspectives: Its development, scope, characteristics, issues, problems, trends, and criticism.

**512-4 Higher Education in Selected Nations.** Study of higher education systems and trends outside the United States, and of the university in world affairs.

**513-4 Organization and Administration in Higher Education.** Theories and practices in governance of various types of higher education institutions with attention, through case studies, to problems of formal and informal structures, personnel policies, decision-making, institutional self-study, and societal-governmental relations.

**515-4 College Student Personnel Work: Operations and Policies.** Study of organization, functions, and undergirding policies of student personnel services and programs in contemporary colleges and universities.

**516-4 College Students and College Cultures.** A study of the nature of students, the impact of the college on student development, the nature of the college as a unique social institution. The study of student subcultures and the interaction between students, institutions, and communities.

**518-4 College Teacher and College Teaching.** A study of the professional roles of academic man: as teacher, scholar, researcher, member of the profession, and faculty member. Emphasis is placed on the characteristics and values of faculty members, the teaching-learning process, models of effective behavior, and academic freedom.

**522-1 to 12 Readings in Higher Education.** Supervised readings in aspects of such general areas in higher education as college teaching and learning, central administration, college student services, policy issues, or history of higher education. Prerequisite: consent of instructor.

**523-1 to 12 Internship in Higher Education.** Supervised field experience in appropriate settings, with evaluative seminars. (a) College Teaching. (b) College Student Personnel. (c) College Administration. (d) Institutional Research. Prerequisite: consent of department.

**524-2 to 6 Individual Study.** Individual inquiry into selected problems in higher education. Prerequisite: consent of instructor.

**535-2 to 4 Higher Education Seminar I.** A series of seminars for specialized areas of administrative practice and policy. (a) Educational Programming in Student Housing. (b) Business Administration of Student Housing. (c) Student Personnel Group Work. (d) Non-Academic Personnel Management. (e) Problems in Central Administration. (f) Business and Fiscal Administration. (g) Academic and Faculty Administration. (h) Administration of Admissions and Records. (i) Junior College Administration. (j) The Technical Institute. (k) Adult and Continuing Education. (m) Institutional Research.

**545-2 to 4 Higher Education Seminar II.** A series of seminars for reflective and scholarly inquiry into significant domains in higher education. Prerequisite: consent of instructor. (q) History of Higher Education. (r) Sociology of Higher



Education. (s) Law, Legislatures, and Higher Education. (t) Aesthetics and Higher Education. (v) The Federal Government and Higher Education.  
**551-4 Curriculum Design and Policy.** Study of assumptions, materials, method, and evaluation in the designs of various curricula in colleges and universities, with attention to curriculum resources and policy.

**555-4 Philosophy of Higher Education.** (Same as Philosophy 555.) Critical examination of assumptions and aims, operations and consequences, and basic concepts and symbols of higher education from philosophic perspectives.

**565-4 The Community Junior College.** A study of the characteristics and function of the community or junior college in American higher education. Course content aids the student in developing a general understanding of the philosophy, objectives, organization, and operation of the significant institution.

**578-4 Economic Aspects of Higher Education.** A study of economic aspects of higher education in American society. The emphasis on sources and management of college and university financing includes budgeting, control, and current trends.

**589-4 to 8 Advanced Research.** Selection, investigation, and writing of a special research project under the personal supervision of a graduate faculty member. Prerequisite: consent of instructor.

**595-1 to 12 Higher Education Seminar III.** Varied content. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.**

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

## History

**401-9 (3,3,3) History of the South.** Social, economic, political, and cultural developments of the South. (a) To 1850. (b) 1850-1900. (c) Since 1900.  
**403-9 (3,3,3) American Economy History.** (a) To 1800. (b) 1800-1900. (c) 1900 to present.

**404-3 American Party Politics, 1790-1828.** Issues and conflicts which dominated the American political scene prior to the emergence of Jacksonian democracy. Prerequisite: GSB 300a.

**405-6 (3,3) United States History 1850-1896.** (a) Civil war. (b) Reconstruction and industrialization. Prerequisite: GSB 300b or consent of the instructor.

**406-6 (3,3) Diplomatic History of Europe.** (a) From the Congress of Vienna to the Fall of Bismark (1815-1890). (b) From 1890 to the present.

**408-6 (3,3) Problems in Black American History.** Developments which formed the foundation for the "Black Revolution" of the present time. Prerequisite: 6 hours of 300-level social science courses or consent of instructor.

**409-9 (3,3,3) U.S. Constitutional History.** A content and research course involving origin and development of the American constitution, from English background through the convention to the present. (a) To 1830. (b) 1830 to 1912. (c) 1912 to present.

**410-2 to 5 Special Readings in History.** Supervised readings for students with sufficient background. Registration by special permission only. Offered on demand.

**411-9 (3,3,3) Social and Intellectual History of the United States.** (a) 1607-1830. (b) 1830-1900. (c) 1900 to present. The development of American society and a study of various types of economic, social, and political thought that have influenced it.

**414-9 (3,3,3) Intellectual History of Modern Europe.** (a) The Enlightenment, (b) The 19th century, (c) The 20th century.

**416-6 (3,3) Early Modern Europe.** (a) Renaissance. (b) Reformation. Prerequisite: Six hours of 300-level social science or consent of the instructor.

**417-9 (3,3,3) Advanced English History.** (a) The Empire-Commonwealth. (b) Constitutional history. (c) English culture in the age of the American Revolution. (d) Tudor England.

**419-6 (3,3) Europe in the Age of Absolutism.** (a) 1600-1715. (b) 1715-1789. Prerequisite: Six hours of 300-level social science or consent of instructor.

**420-3 The French Revolution.** A sketch of the passing of feudalism in France, the background and development of the revolutionary movement, and the Napoleonic period.

**425-6 (3,3) American Colonial History.** (a) Discovery and Settlement, (b) British Imperial structure.



- 428-3 The Age of Jackson.** Origins, background, and development of that phase of American democracy associated with the Jacksonian era. The political, social, and economic history of the years 1815-1844.
- 430-9 (3,3,3) Late Modern Europe.** Problems in the political, social, and military history of Europe in the twentieth century. (a) First World War and interwar years. (b) Second World War years. (c) Since 1945. Prerequisite: 200c or 333b.
- 434-9 (3,3,3) Social and Political History of Modern Europe.** (a) 1815-1850. (b) 1850-1885. (c) 1885 to World War I. Changing social structure of Europe caused by industrialization. The consequence of this development in terms of the emergence of new social forces and political problems. Prerequisite: 200c or 333b.
- 435-9 (3,3,3) Twentieth-Century United States History.** Important developments in recent United States history. (a) 1896-1919. (b) 1919-1937. (c) 1937 to present. Prerequisite: GSB 300c or consent of instructor.
- 440-9 (3,3,3) History of American Diplomacy.** Important treaty relations of the United States, and a general consideration of American foreign policies. (a) America in isolation (to 1860). (b) The emerging America (from 1860 to 1920). (c) America on the world scene (1920 to the present). Prerequisite: 6 hours 300-level social science or consent of instructor.
- 442-9 (3,3,3) History of the West.** (a) Colonial. (b) Trans-Allegheny. (c) Trans-Mississippi.
- 448-6 (3,3) History of Southeast Asia.** (a) To 1900. (b) 1900 to present.
- 449-6 (3,3) Advanced African History.** (a) Cultural history of traditional states, the slave trade, and the interaction of traditional systems and European culture. (b) Investigations into the most important historical questions and interpretations of the regions covered in (a). Prerequisite: 349a,b, or c, or consent of instructor, or graduate standing.
- 451-3 Great Historians.** Writings of historians from Herodotus to Toynbee. Prerequisite: 6 hours of 300-level social science courses or consent of instructor.
- 452-3 Methods of Historical Research.** Fundamentals of historical investigation, criticism, and composition. For concentrations in history only.
- 455-3 History of Inner-Asian Relations.** Tribes, migrations, wars, and power politics in Central Asia and outlying areas of China from Han times through 19th century rivalries to latest development along the Sino-Soviet frontier.
- 460-9 (3,3,3) Medieval Society.** (a) Ecclesiastical; (b) Feudal and Royal; (c) Urban.
- 461-6 (3,3) Cultural and Intellectual History of the Middle Ages.** (a) Early Middle Ages. (b) High Middle Ages.
- 462-3 History of Modern Italy.** Italian society and politics in the nineteenth and twentieth centuries.
- 463-6 (3,3) History of France.** French social, economic, political, and intellectual evolution from medieval origins to the present day and of the French contributions to Western culture. (a) The Middle Ages to the Age of Absolutism. (b) The French Revolution to the Fifth Republic. Prerequisite: 6 hours 300-level social science, or consent of department.
- 464-6 (3,3) History of Germany.** (a) German state and society from the Middle Ages to the early 19th century. (b) Germany since 1815. Prerequisite: Six hours of 300-level social science or consent of instructor.
- 465-6 (3,3) History of Russia.** (a) Traditional Russia to 1905. (b) Revolutionary Russia Since 1905.
- 466-3 History of Scandinavia.** Denmark, Norway, Sweden, Finland, and Iceland. Related history of the Baltic and North Sea regions, from prehistoric times to the present.
- 470-3 Argentina and Chile.** A narrative and comparative study of the independent era of the history of these two leading states of South America. Prerequisite: 6 hours of 300-level social science or consent of department.
- 471-6 (3,3) History of Mexico.** (a) 19th century. (b) 20th century. Significant political, economic, diplomatic, social, and cultural aspects of Mexican life from independence to modern Mexican life.
- 472-3 Colonial Latin America: Policies and Practices.** Theory and operation of the colonial system. Prerequisite: 6 hours of 300-level social science courses or consent of instructor.
- 473-6 (3,3) The Caribbean Area.** (a) In the 18th and 19th centuries. (b) In the 20th century. An inquiry into the changing role of the political, economic, strategic and cultural nature of this Mediterranean of the New World.
- 474-3 United States-Mexican Relations.** Relations between the United States



and Mexico. Prerequisite: 6 hours of 300-level social science courses or consent of instructor.

**475-6 (3,3) Dictatorship in Latin America.** A political, economic, social and military study of the domestic and international aspects of dictatorship. (a) 19th century. (b) 20th century. Prerequisite: junior standing.

**476-3 Andean South America Since Independence.** A narrative and comparative study of Bolivia, Colombia, Ecuador, and Peru in the nineteenth and twentieth centuries. Prerequisite: 6 hours of 300-level social science or consent of department.

**477-3 Brazil Since Independence.** Cultural, diplomatic, military, political, and socio-economic elements of Brazilian life from independence to the current era. Prerequisite: 6 hours of 300-level social science or consent of instructor.

**478-9 (3,3,3) History of Spain.** Institutional intellectual, socioeconomic, and political history from the middle ages to the present. (a) Medieval Spain (to 1500). (b) The Imperial Period (1469-1825). (c) Modern Spain (since 1808). Prerequisite: 6 hours of 300-level social sciences courses or consent of instructor.

**481-6 (3,3) History of Rome.** (a) Rome from republic to empire, 133 B.C.-A.D. 14. (b) Roman Empire to the death of Constantine. Prerequisite: Six hours of 300-level social science or consent of instructor.

**490-3 Problems in United States History.** Topics vary with instructor. May be repeated for a maximum of six quarter hours provided registrations cover different topics. Topics announced in advance. Prerequisite: consent of instructor.

**498-6 (3,3) History Honors.** Principles of historical method, research, and writing for senior honor students only. (a) Methodology. (b) Research, honor thesis. Prerequisite: consent of department.

**500-4 to 10 History Seminar.** (a) American history. (c) Latin American history.

**509-4 Studies in Negro History.** Readings, discussions, and papers, of selected areas of Negro life and thought.

**510-2 to 12 Readings in History.** Individual readings. Maximum 3 hours per quarter. Graded S/U only. Prerequisite: consent of department.

**514-4 Studies in Asian History.** Pro-seminar course on select topics in Asian History. Prerequisite: consent of department.

**515-8 (4,4) Seminar in Twentieth Century United States History.** United States history since 1896 with emphasis upon politics and political behavior.

**518-4 England in the Age of the "Glorious Revolution."** An analysis of the ideas and forces that converted the English government into a liberal state with an emphasis on the concepts and principles later applied in the establishment of the American Constitution.

**519-8 (4,4) The Age of Jefferson.** Rise and development of Jeffersonian Democracy, 1790-1824, with emphasis upon social, economic, and political programs of Republicans and Federalists; the clash of mercantile and agrarian interests.

**520-8 (4,4) Sectionalism and Reform.** Study of major political, economic, and social issues, 1820-1850, which divided the United States and prepared the way for civil war.

**521-8 (4,4) Seminar in American Diplomatic History.** A content and research course concerning selected studies in American diplomacy. Prerequisite: 6 hours of 300-level social science or consent of instructor and 440.

**522-8 (4,4) Seminar in American Economic History.** (a) Reading seminar in the economic aspects of American history. (b) Research seminar problems. Prerequisites: Economics 214 or 215 or consent of instructor.

**523-8 (4,4) Seminar in American Social History.** Research and writing in selected topics relating to the development of American society and institutions. Prerequisite: consent of instructor.

**524-8 (4,4) Seminar in American Constitutional History.** (a) Reading seminar devoted to the important literature in constitutional history. (b) Research seminar in which the student will closely investigate a significant topic. Prerequisite: consent of instructor.

**525-8 (4,4) Seminar in American Colonial History.** Advanced research in specific areas of American Colonial history. Prerequisite: consent of instructor.

**549-4 to 8 (4) Seminar in African History.** Research and writing on selected social, economic and political topics in African history. Prerequisite: 449a,b or consent of instructor.



**553-4 New Viewpoints in American History.** New interpretations and recent developments in American history. Prerequisite: GSB 300.

**568-8 (4,4) Seminar in Illinois History.** A seminar in selected topics in Illinois history, 1818-1918. Prerequisite: consent of instructor.

**575-12 (4,4,4) Studies in Latin American History.** A content and research course concerning selected studies in Latin American history.

**582-4 to 8 (4) Studies in Medieval and Renaissance History.**

**583-8 to 16 (4,4) Seminar in Medieval and Renaissance History.**

**586-4 to 8 (4) Studies in Early Modern European History.**

**587-8 to 16 (4,4) Seminar in Early Modern European History.**

**590-4 to 8 (4) Studies in Modern European History.** Prerequisite: graduate standing or permission of department.

**591-8 to 16 (4,4) Seminar in Modern European History.** Prerequisite: graduate standing or permission of department.

**597-3 to 7 Independent Investigation.** Graded S/U only. Prerequisite: doctoral standing and consent of graduate adviser.

**598-3 (1,1,1) Teaching History in College.** Required of all first-year teaching assistants.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.**

### Home Economics Education

**407-2 to 8 Workshop.** Designed to aid home economics teachers, supervisors, and leaders in the field with current problems. Resource people are used. Discussions, reports, lectures, and other methods of analyzing and working on solutions to problems. Emphasis for the workshop will be stated in the announcement of the course.

**414-4 Home Economics for Elementary Teachers.** Identification and development of meaningful home economics related experiences appropriate for various levels of elementary curriculum. Interpretation of current vocational education legislation and trends affecting elementary programs.

**415-1 Introduction to Graduate Study.** Seminar to orient the student to graduate work through relation of courses to goals of program, standards of work, habits of thinking, communication of ideas, uses of professional materials and publications.

**417-4 Teaching Concepts and Generalizations in Home Economics.** Use of co-operative teacher-pupil planning to develop curriculum based on subject matter concepts and generalizations. Techniques for helping students to take part in planning implementation of learning experiences, and evaluation. Provides practice in use of group process to plan for sequential learnings. Prerequisite: consent of instructor.

**481-2 to 6 Readings.** Supervised readings for qualified students. Prerequisite: consent of instructor and chairman of department.

**485-3 Principles and Philosophies of Vocational and Technical Education.** (See Occupational Education 485.)

**500-4 Research Methods.** Methods employed in research in home economics education with special study according to interest and needs of student. Development of prospectus. Prerequisite: Guidance 505.

**505-4 Home Economics in the Secondary Schools.** Curriculum development in vocational home economics is the focus. Units in family life education, consumer-homemaking, and occupational programs are developed by students for use in their professional responsibilities.

**506-4 Evaluative Procedures in Home Economics.** Principles and procedures underlying appraisal and evaluation. Development and critical consideration of instruments for appraising pupil growth and the program of instruction. Emphasis placed on values, attitudes and needs.

**510-4 Supervision of Home Economics.** Nature, function, and techniques of supervision at all levels. Emphasis given to supervision of student teachers.

**510A-1 to 4 Practicum in Supervision.** Experience in using a variety of techniques at various levels and areas of supervision both on and off campus. Prerequisite: 510 or Educational Administration 556 or consent of instructor.

**515-4 Trends and Issues in Home Economics Education.** Analysis and appraisal of current trends, problems and issues in the field. Attention given to implications for teachers.



**516-4 Advanced Methods of Teaching Home Economics.** Recent trends in methodology based on research and experimentation. Attention given to methods which promote cognitive, affective and psychomotor learnings. Preparation of materials for special interests of students.

**517-4 Methods and Materials for Adult Programs in Home Economics.** Philosophy of adult education; current organizational patterns of adult programs; unit planning, methods, techniques, and resources.

**525-4 Cooperative Vocational-Technical Education.** (See Occupational Education 525.)

**571-4 Recent Research.** Review of selected research in home economics education and governmental and industrial agencies. Emphasis on action research and use of research findings.

**572-2 to 8 Special Problems.** For students whose particular needs are not met by existing classes. Prerequisite: consent of chairman.

**573-1 to 6 Seminar: Research in Home Economics.** Presentation of prospectus outlines, research projects, problems for research, progress reports of research by graduate students and faculty. Prerequisite: consent of instructor.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-3 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Industrial Technology

There is no graduate degree program offered through Industrial Technology. Four hundred level courses may be taken for graduate credit, however, unless otherwise indicated in the course description.

**440-4 Manufacturing Policy.** Review of all areas covered by the industrial technology program. Includes problems for solution which simulate existing conditions in industry. Students present their solutions to the class and to the instructor in a formal manner. Prerequisite: 358, 365, 375, 382, or consent.

**465-8 (4,4) Industrial Safety.** (a) Principles of industrial accident prevention; accident statistics and costs; appraising safety performances; industrial hazards and safeguards; fire control. (b) Effective industrial safety organizations, management and supervision; safety psychology and training programs; health safeguards; occupational diseases and other industrial hazards. Prerequisite: senior standing.

### Instructional Materials

Courses in this department may require the purchase of supplemental materials.

**400-2 Library Research Methods.** Introduction to the use of library materials in graduate research. Includes a survey of scholarly publishing and the use of reference works in various subjects. Open only to non-majors.

**401-4 Introduction to Cataloging.** Organization of library materials. Emphasis on cataloging and classification. Acquisition and the processing procedures. Both the Dewey Decimal and Library of Congress classification schemes studied. Laboratory assignments.

**403-4 School Library Functions and Management.** Effective library services in relation to the educational objectives of elementary and secondary school programs: organization, supervision, finance, housing, equipment, standards, and evaluation.

**405-4 Library Materials for Children.** Study of the aids, methods, and criteria for the selection and use of books and other instructional materials for children in the elementary schools.

**406-4 Library Materials for Adolescents.** A study of the aids, methods, and criteria for the selection and use of books and other instructional materials for students in the high school.

**407-4 Basic Reference Sources.** Evaluation, selection, and use of reference sources for elementary and secondary school libraries. Principles and methods of reference service.

**413-4 Cataloging Non-Book Materials.** The classification, cataloging, prepara-

tion and circulation of all types of non-book material such as films, filmstrips, slides, realia, etc. Prerequisite: 401.

**417-4 Audiovisual Methods in Education.** Selection and utilization of instructional materials in the learning environment, elementary through adult levels. Audio and visual materials and procedures are emphasized with some attention given to bibliographies and reference books for teachers. Prerequisite: Guidance 305.

**420-4 School Library Activities and Practice.** Supervised practice and observation integrated with instruction in the typical activities of school librarianship; storytelling, publicity, developing units of library instruction, and work with students.

**440-4 Photography for Teachers.** Photography as a tool of communication in the modern school. Techniques of camera handling, visually planning a story, macrophotography, color slides. Prerequisite: 417.

**445-4 Preparation of Teacher-Made Audiovisual Materials.** Laboratory practice in the preparation of bulletin boards, opaque materials, models, slides, recordings, feltboards, and other graphic materials. Prerequisite: 417 or consent of instructor.

**448-4 Supervision and Administration of an Audiovisual Program.** Provides professional information and training for anyone who has administrative responsibilities for an audiovisual program. For teachers, coordinators, or directors. Prerequisite: 417 or consent of instructor.

**450-4 Classroom Teaching with Television.** Classroom utilization of open and closed circuit television. Emphasis is placed on the changed role of the classroom teacher who uses television. Evaluation of programming, technicalities of ETV, and definition of responsibilities are included. Demonstration and a tour of production facilities are provided.

**457-4 Radio and Television in the Classroom.** Educational programs and their value to the teacher in the classroom. Sample tapes of radio programs and kinescopes are used.

**458-4 The Medium of the Motion Picture.** A study of the full range of expression by motion pictures including documentary, theatrical, educational, experimental, and industrial films. Representative films are screened.

**470-4 Programming Automated Instruction.** The principles and practice of writing both linear and intrinsic types of programmed instruction with emphasis on pictorial and performance branches. Individual experience in planning and producing programs.

**505-4 Literature of the Humanities.** Book selection and reference. Emphasis on literature, philosophy, music, and art. The philosophy and techniques involved in using major reference tools efficiently in the library. Prerequisite: 407.

**506-4 Literature of the Social Sciences.** Book selection and reference in the fields of history, political science, economics and business, sociology, anthropology, and other closely related fields. Includes basic terminology, structure of literature, and problems of bibliographical control and information retrieval. Prerequisite: 401, 407.

**510-4 Mass Communications in Education.** The use of mass media in the classroom. Includes radio, TV, comic books, newspapers, magazines, movies. Prerequisite: 417.

**514-4 Survey of Research and Development in Instructional Materials.** Advanced readings in research in instructional materials and the practical application of findings. Prerequisites: 405, 406, 417 or consent of instructor.

**523-4 Seminar on Junior College Librarianship.** Problems of particular significance to the junior college librarian: organization, materials, responsibilities, standards, and evaluation.

**530-4 History of Media.** The evolution of print from cuneiform tablets to the mass printing presses. The invention of photography, the motion picture, the electronic age of radio, television, and the laser. The change in storage of information from clay tablets to microfiche.

**545-4 Cooperative Design of Instructional Materials.** Students work on a one-to-one basis with faculty members in acquiring skills of instructional design. Students play, produce, and evaluate learning materials designed to meet specific teaching and learning problems. Prerequisite: 417, 445.

**546-4 Integration of Audiovisual Materials in the Classroom.** Selection of materials on the basis of curricular needs. Techniques of evaluating each



type of audiovisual material for use in the classroom. Structured for both the audiovisual administrator and the class room teacher. The principles and practices of integrating audiovisual materials into the curriculum are discussed, also the problems, annotations and classification of evaluated materials. Prerequisites: 417, or consent of instructor.

**547-4 School Film and Filmstrip Production.** Simplified techniques for teachers and audiovisual coordinators who may need to produce school-made films and filmstrips to meet local school problems. Prerequisites: 417 and 440 or consent of instructor.

**549-4 Visual Learning.** Learning from pictures in the classroom, the design of still and moving pictures, pictures used in testing perception, and the place of pictures in advertising and communication. Prerequisite: consent of instructor.

**554-4 Administration of an Instructional Materials Center.** Based on the concept of a single agency in the school that encompasses all forms of instructional materials. It is designed to further the training of specialists in the supervision and administration of integrated audiovisual and library programs. Prerequisite: 403 and 417.

**560-4 Seminar in Instructional Materials.** Designed to give advanced graduate students an opportunity to investigate and discuss topics in instructional materials before the seminar group. Topics selected would depend on background and interest of individuals. Prerequisite: consent of instructor.

**570-4 to 12 Practicum in Instructional Materials.** Supervised experience in a public school, junior college, or university. Practical experience in administration, supervision, and production in an instructional materials center. Prerequisite: 417, 445, and consent of chairman. Graded S/U only.

**576-2 to 8 Problems in Instructional Materials.** Opportunity for individual study of selected problems. Prerequisite: consent of instructor. Graded S/U only.

**599-5 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.**

### Interior Design

Graduate work in the Department of Interior Design is offered toward a major concentration in family economics and management for the M.S. degree in home economics.

**418-2 to 8 Workshop.** Current problems facing the professional interior designer. Discussion, reports, lectures, design solution presentations, and other methods of analyzing and working on design problems. Prerequisite: consent of chairman.

**470-4 Interior Design Seminar.** Development of systematic approach involving systems analysis, human factors engineering, environmental variables. Prerequisite: consent of chairman.

**481-2 to 6 Readings.** Individual interests in design-related research. Prerequisite: consent of chairman.

**491-4 Advanced Interior Design.** Systematic analysis of human factors as determinants of design solutions for large-scale interiors. Lecture and laboratory. Prerequisite: 391c or consent of chairman.

### Journalism

**401-3 International Journalism.** A study of the history, development, current status, and implications of the press and news services of other countries and their relationship to the international communications system. Prerequisite: senior standing.

**421-4 School Publications.** Designed for the prospective journalism teacher or high school publications director. Deals with practical production problems of newspapers and yearbooks.

**422-3 Teaching High School Journalism.** Teaching methods of journalism in secondary schools, organization and course of study, bibliography, use of journalism courses for school publications production.

**431-3 Public Relations.** Current methods of planning and executing public relations policies; evaluation of media; preparation of campaigns. Prerequisite: senior journalism majors only.



**432-4 Foundations of Mass Communications.** Construction of communication theory, development of communication models, and relation of empirical investigations to theories of mass communication. Prerequisite: graduate standing, or consent of instructor.

**433-8 (4.4) Research Theory and Design.** (a) Research design, sample selection, and methods appropriate to field, experimental, and survey research. (b) Research Methods. Series of research projects utilizing a variety of research methods. Class discussion precedes and follows each project. Prerequisite: 432 or consent of instructor.

**442-3 The Law of Journalism.** Legal limitations and privileges affecting communications; fair comment, criticism, contempt of court, right of privacy, copyright, and legal provisions affecting advertising. Prerequisite: senior journalism majors only.

**445-4 Specialized Writing.** Researching and writing about areas of special interest such as education, mental health, and home economics. Prerequisite: consent of instructor.

**449-2 to 8 Practicum.** Study, observation, and participation in publication supervision. Prerequisite: consent of department.

**450-3 Mass Media Management.** Basic economic theory of the firm. Management science. Operations research. Computer utilization. Media production technology. Readings and seminar discussions. Prerequisite: 370, 383a, and GSB 211a or equivalent, or consent of instructor.

**455-3 Seminar on Media Problems.** Readings and weekly seminar discussions on the role of the journalist in seeking solutions to the problems of mass media. Prerequisite: senior standing and consent of instructor.

**475-3 Cablecommunication System Operations.** The principles and practices of cablecommunication system management. The procurement and allocation of resources are examined with a view toward seeking a balance between the public interest of the municipality and its citizens and the private interest of the franchisee.

**479-3 Role of Advertising in our Society.** An exhaustive analysis of the literature covering such topics as: definitions and scope of advertising; advertising and the press; advertising as a social and economic force; evaluation of advertising; and advertising policies as related to the practices of specific business firms.

**494-3 Criticism and Reviewing.** Study of the critical analysis of literature and other arts.

**498-1 to 12 Readings.** Supervised readings. Not more than 6 hours may apply toward the master's degree. Prerequisite: consent of instructor.

**501-3 Literature of Journalism.** Critical reading of selected books relating directly and indirectly to journalism. Lectures, reviews, and discussions comprise the course work.

**530-2 Seminar in Press Freedom.** Observation of the comment function performed by the daily newspaper as related to current issues; role of the editorial writer, syndicated columnist, and cartoonist.

**532-4 Seminar: Mass Communication Theory.** Individual exploration of some aspect of mass communication theory. Students construct communication models of their own design and test them. Prerequisite: 433b or consent of instructor.

**533-1 to 12 Research Problems in Journalism.** Individual work on selected problems for research. Prerequisite: graduate standing.

**540-3 Philosophy of Journalism.** A study of journalistic ethics with emphasis on concepts of freedom and responsibility and the development of journalistic standards. Consideration of the responsibility of press in modern society.

**545-3 Studies in Journalism History.** A critical analysis of the literature in the context of the social and intellectual history of the times.

**590-3 Seminar in Journalism History.** Analysis of and practice in scholarly writing in the field of journalism history. Prerequisite: 545 or consent of instructor.

**591-1 to 12 Topical Seminar in Communication.** Serves the individual needs and interests of journalism graduate students. Prerequisite: graduate standing.

**592-3 Communication and National Development.** Examination of a wide range of functions of mass media communications in the process of national development in non-Western countries. Prerequisite: graduate standing and consent of instructor.

**595-0 Graduate Seminar.** Discussions of matters relating to graduate study, research, departmental and university requirements. Guest lecturers will discuss their research activities and areas of general interest to journalism grad-



uate students. Required each quarter for all journalism graduate students. 598-1 to 12 **Readings.** Supervised readings in selected journalistic subjects. Not more than 6 hours may apply toward the master's degree. Prerequisite: consent of instructor.

599-1 to 8 **Thesis.** Minimum of 5 hours to be counted toward a master's degree. 600-1 to 48 **Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Linguistics

401-8 (4,4) **Introduction to Linguistics.** (a) General linguistics, fundamentals of the nature, structure, and functioning of language. (b) Structural linguistics, methods of descriptive linguistics, and analytical procedures. May be taken singly.

402-9 to 12 (4,4,1-4) **Phonetics.** (a) Theory and practice of articulatory phonetics. (b) Theory and practice of instrumental phonetics. Prerequisite: 402a. (c) Transcription laboratory. Prerequisite: 402a.

403-4 **English Phonology.** Analysis of spoken English, American, and British. Prerequisite: 401a or b, and 402a, or equivalents.

404-4 **American Dialects.** Phonemics of American English. Emphasis in the major American dialects. Prerequisite: 401a or b, and 402a, or equivalent.

405-4 **Structural Phonology.** Survey of phonological theory (phonemic and distinctive feature theory); examination of various phonological systems. Prerequisite: 402a.

408-4 **Introduction to Transformational Syntax.** Basic concepts and formalism of transformational generative grammars. Prerequisite: 401a or consent of instructor.

410-15 (5,5,5) **Intermediate Uncommon Languages.** Review of structure of modern spoken language. Introduction to written language. Emphasis on conversational style. (g,h,i) Vietnamese, (p,q,r) Lao, (s,t,u) Cambodian. The first two quarters carry undergraduate credit only. Prerequisite: GSC 250 or equivalent.

415-4 **Sociolinguistics.** History, methodology, and future prospects in the study of social dialectology, linguistic geography, multilingualism, languages in contact, marginal languages, and language planning. Prerequisite: one previous course in linguistics or consent of instructor.

420-12 (4,4,4) **Advanced Uncommon Languages.** Advanced conversation and reading of third-year level materials in preparation for classes conducted in the language. Review of grammar. (g,h,i) Vietnamese, (p,q,r) Lao, (s,t,u) Cambodian. Prerequisite: 410 or equivalent.

430-4 to 20 (4,4,4,4,4) **Grammatical Structures.** Detailed analysis of the structure of particular languages. May be repeated. Prerequisite: 401a and b or equivalent.

431-4 **The Structure of the English Verb.** Analysis of the English verb system. Special study of the modals and non-finites.

450-4 to 12 (4,4,4) **Language Families.** Synchronic survey of language families or sub-families. May be repeated. Prerequisite: 401a and b or equivalent.

497-2 to 12. **Readings in Linguistics.** Directed readings in selected topics. Prerequisite: consent of instructor and undergraduate status.

501-4 **Contrastive Linguistics.** Comparison of the structure of English with the structure of other languages. Phonology and syntax. Prerequisite: 401b.

504-4 **Dialectology.** Materials and methods of dialectology and linguistic geography. Prerequisite: 402a or equivalent.

505-4 **Generative Phonology.** Application of generative theory to the study of phonology. Prerequisite: 405 and 408.

506-8 (4,4) **Historical Linguistics.** (a) Theories and methods in the study of the history and pre-history of languages and language families. (b) Application of generative-transformational theory to problems and theory in historical linguistics. Prerequisite: for 506a is 401b, for 506b is 506a.

508-4 **Advanced Transformational Syntax.** Application of transformational generative theory to study in depth of English syntax. Prerequisite: 408.

510-4 **History of Linguistics.** The history of linguistic inquiry from classical times to the present.

530-4 to 12 **Historical Grammatical Structures.** History of languages or language families. Prerequisite: 506a.

540-2 to 8 **Studies in Linguistics.** Selected topics in theoretical and applied linguistics. Prerequisite: 401b or equivalent, or consent of instructor.



**550-8 (4,4) Pro-seminar in Linguistics.** Guided research in selected topics. May be taken singly. (a) Syntax/semantics. Prerequisite: 508 or consent of instructor. (b) Phonology. Prerequisite: 505 or consent of instructor.

**570-3 Classroom Techniques in Teaching English as a Foreign Language.** Theory and practice of classroom methodology in English as a foreign language.

**571-3 (1,2) Language Laboratories.** (a) Language laboratory equipment and its functions. Emphasis on routine maintenance and minor repair procedures. (b) Theory and practice of the language laboratory in foreign language pedagogy. May be taken singly. Prerequisite: consent of instructor.

**572-3 Preparation of Teaching Materials in English as a Foreign Language.** Theory and practice in development of EFL texts. Prerequisite: 570, or consent of instructor.

**573-3 Practicum in EFL Materials Development.** Prerequisite: 572.

**580-4 Seminar in Special Problems of English as a Foreign Language.** Prerequisite: 570, and 571b, and 572 or 573.

**581-6 (2,2,2) Methods Practicum in English as a Foreign Language.** Class observation and supervised practice teaching in English as a foreign language, meets concurrently with Linguistics 100. May be taken singly. Prerequisite: consent of department. Graded S/U only.

**585-2 Teaching College Composition to Foreign Students.** Objectives, methods, and materials for English 105 and similar courses. Observation and practice under supervision. Required for teaching assistants in Linguistics. Graded S/U only.

**596-4 Stylistics.** (See English 596.)

**597-2 to 12 Readings in Linguistics.** Individual readings in linguistics under guidance. Prerequisite: 401b or equivalent.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted towards a master's degree.

## Mathematics

**400-3 History of Mathematics.** An introduction to the development of major mathematical concepts. Particular attention given to the evolution of the abstract concept of space, to the evolution of abstract algebra, to the evolution of the function concept, and to the changes in the concept of rigor in mathematics from 600 B.C. Prerequisite: 319 and 352 or consent of instructor.

**401-3 Set Theory.** Ordinal numbers, transfinite induction, cardinal numbers and their arithmetic properties, Cantor theorem, Schroeder-Berstein theorem, the axiom of choice and its equivalent forms, the continuum hypothesis. Prerequisite: 319 and 352 or consent of instructor.

**405-3 Intermediate Ordinary Differential Equations.** Topics selected from linear systems, existence and uniqueness for initial value and boundary value problems, oscillation, and stability. Prerequisite: 305b or consent.

**406-3 Eigenfunction Methods in Applied Mathematics.** Inner product spaces; orthonormal systems; Bessel's inequality; quadratic forms; Hermitian operators; eigenfunctions and eigenvalues; minimization properties of eigenfunction; the spectral theorem for a Hermitian matrix; functions of matrices; Sturm-Liouville differential operators; convergence properties of Fourier Series; the Legendre, Laguerre, Hermite, and Tchebycheff families of orthogonal polynomials; functions of a Sturm-Liouville operator; Green's functions; the Laplacian operator in 1,2, and 3 dimensions. Prerequisite: 221, 305b, or consent of instructor.

**407-4 Introduction to Partial Differential Equations.** First order linear and quasilinear partial differential equations, characteristics, second order linear partial differential equations, classification of types, boundary value and initial value problems, well posed problems, the wave equation, domain of dependence, range of influence, Laplace's equation and Dirichlet problems, the maximum principle, Poisson's integral, fundamental solution of the heat solution. Prerequisite: 305b, 351 or consent of instructor.

**410-8 (4,4) Statistical Analysis.** Service course for students using statistical methods in their research activities. May not be used to satisfy requirements for a mathematics concentration. Includes elements of probability, statistical estimation, tests of significance, and the analysis of the general linear model (multiple linear regression, analysis of variance, and analysis of covariance). Three lectures and two recitation hours per week. Must be taken in a,b sequence. Prerequisite: 111b or GSD 109.



**411-3 Sample Survey Techniques.** May not be used to satisfy requirements for a mathematics concentration. Introduction to the practical problems involved in conducting a sample survey and a comparison of basic survey designs. Prerequisite: 410b or consent of instructor.

**412-3 Probability Models.** May not be used to satisfy requirements for a mathematics concentration. Applications of probability models to a variety of problems in the social and physical sciences with emphasis given to Markov chains. Prerequisite: 410b or consent of instructor.

**419-6 (3,3) Algebraic Structures.** A study of the properties of such basic algebraic structures as groups, rings, fields. Must be taken in a,b sequence. Prerequisite: 319 or consent of instructor.

**421-6 (3,3) Linear Algebra.** The theory of determinants and systems of linear equations; vector spaces, linear independence, bases, dimension; linear transformations, change of base, similarity; quadratic and Hermitian forms, orthogonal and unitary transformations; triangular and diagonal form; eigenvalues and eigenvectors; normal matrices; nilpotent and idempotent matrices, the spectral theorem. Must be taken in a,b sequence. Prerequisite: 221 and 252a or consent of department.

**425-3 Theory of Numbers.** Selected topics from number theory. Prerequisite: 325 or consent of instructor.

**426-6 (3,3) Introduction to Mathematical Logic.** A formal development of the classical propositional calculus and functional calculi of first and second order from the primitive basis. Consistency and completeness. Validity and satisfiability. Must be taken in a,b sequence. Prerequisite: 301 or 319 or 352 or consent of department.

**428-3 Discrete Structures.** (See Computer Science 442.) Prerequisite: 301 or 319 or consent of department.

**429-3 Applied Boolean Algebra.** (See Computer Science 445.) Prerequisite: 428 or Computer Science 442.

**430-4 Projective Geometry.** Introduction to the fundamental concepts of projective geometry. Topics usually include the study of conics, polar systems of conics, homogeneous coordinates, cross-ratio, harmonic sets, duality, projectivities, and involutions. Prerequisite: 221 and 252a or consent of instructor.

**432-4 Philosophy of Mathematics.** (See Philosophy 432). Prerequisite: Philosophy 320 or 15 hours of credit in mathematics.

**433-6 (3,3) Introduction to Topology.** Topological spaces, continuity and homeomorphisms, construction of topologies, separation, compactness, connectedness, completeness. Must be taken in a,b sequence. Prerequisite: 352 or consent of instructor.

**435-6 (3,3) Elementary Differential Geometry.** (a) Classical differential geometry of curves from the modern viewpoint with emphasis on Frenet-Serret formulas. (b) Geometric aspects of surfaces, motivated by the theory of curves. Includes basic definitions on manifolds (vector field, differential forms, tensors, Lie brackets), manifolds with a linear connection, Riemannian geometry, submanifolds of  $R^n$  with emphasis on (Gaussian and Riemannian) curvature. Prerequisite: 221 and 252b.

**440-2 to 4<sup>1</sup> Modern Algebra for Teachers.** An introduction to algebra as a logical system, including groups, rings, and fields. Prerequisite: consent of instructor.

**442-2 to 4<sup>1</sup> Survey of Geometry.** A survey of geometry, including projective geometry, topology, etc. Prerequisite: consent of instructor.

**451-3 Introduction to the Theory of Computation.** (See Computer Science 451.) Prerequisite: 428 and either 429 or consent of instructor.

**452-9 (3,3,3) Advanced Calculus.** Fundamental concepts of analysis: limits, continuity, differentiation, and integration. Major topics include partial differentiation, vector analysis, Riemann-Stieltjes integrals, multiple integrals, infinite series, improper integrals, uniform convergence, Fourier series, and line integrals and surface integrals. Must be taken in a,b,c sequence. Prerequisite: 352 or consent of instructor.

**455-4 Introduction to Complex Variables & Applications.** Complex numbers, analytic functions, line integrals, the Cauchy-Goursat theorem and its implications, power series, Laurent series, polar and essential singularities, analytic continuation, contour integration and the residue theorem, conformal mapping, asymptotic expansions. Prerequisite: 252b.

**460-4 Transformation Geometry.** Geometry as the study of properties invariant under congruences, similarities, affine transformations, and projectivities. Prerequisite: 319 and 355a or consent of instructor.



**472-3 Introduction to Mathematical Programming.** (See Computer Science 472.) Prerequisite: 221 or 321.

**475-6 (3,3) Numerical Analysis I.** (See Computer Science 464.) Prerequisite: 221 and 305a and Computer Science 202.

**480-6 (3,3) Introduction to Probability.** Includes probability axioms, discrete and continuous distributions, moments in terms of Riemann-Stieltjes integrals, generating functions with emphasis on characteristic functions, and elementary limit theorems. Must be taken in a,b sequence. Prerequisite: 252b.

**481-3 Elements of Stochastic Processes.** An introduction, including normal, Poisson, and Markov processes. Prerequisite: 480b.

**483-6 (3,3) Introduction to Statistics.** Development of the elements of statistical theory. (a) Probability axioms, probability distributions, moments, and moment generating functions. (b) Statistical inference: estimation, testing hypotheses, and the general linear model. Not recommended for graduate students in mathematics. Must be taken in a,b sequence. Prerequisite: 252b and 221 or 321.

**486-3 Design of Experiments.** Mathematical model development of the statistical design and analysis of experiments with emphasis on practical applications. Includes completely randomized, randomized block, Latin square, split plot, incomplete block, and response surface designs, as well as factorial and fractional factorial experiments. Students who have had 580b should enroll concurrently in 1 of 550d. Prerequisite: 410b or 483b.

**487-3 Nonparametric Methods in Statistics.** Discussion of confidence intervals and tests of hypotheses where no functional form is postulated for the population. Students who have had 580b should enroll concurrently in 1 quarter hour of 550d. Prerequisite: 410b, 480b, or 483b.

**488-3 Multivariate Statistical Methods.** Introduction to multivariate statistical procedures with emphasis on applications. Multivariate general linear model, principal components, discriminant analysis, factor analysis. Students who have had 580b should enroll concurrently in 1 quarter hour of 550d. Prerequisite: 410b or 483b.

**495-1 to 10 Special Topics in Mathematics.** Individual study or small group discussions in special areas of interest under the direction of a member of the faculty. Prerequisite: consent of chairman and instructor.

**501-9 (3,3,3) Real Analysis.** Basic set theory including the theory of ordinal numbers. Real number system, topology of the real line. Continuous and semicontinuous functions, limits. Classical  $L^p$  spaces. Metric spaces: topology, continuous functions, convergence, Baire category. Banach spaces, Hilbert spaces. General measure and integration theory. Must be taken in a,b,c sequence. Prerequisite: 452c.

**502-3 to 18 Advanced Topics in Ordinary Differential Equations.** Selected topics from special areas in the theory of ordinary differential equations. Prerequisite: consent of instructor.

**505-9 (3,3,3) Theory of Ordinary Differential Equations.** Existence and uniqueness theorems; general properties of solutions; linear systems; geometric theory of nonlinear equations; stability and control theory; self-adjoint boundary problems; oscillation theorems. Must be taken in a,b,c sequence. Prerequisite: 501b and 421a or consent of instructor.

**507-9 (3,3,3) Partial Differential Equations.** Classification of partial differential equations; separation of variables; elementary solutions of the heat and wave equations; potential theory;  $n$ -dimensional parabolic operators. Must be taken in a,b,c sequence. Prerequisite: 452c.

**510-9 (3,3,3) Mathematical Logic.** Incompleteness and undecidability results of Gödel, Church, and Tarski (together with the necessary recursion theory). Topics from the theory of definability, model theory, proof theory, consistency of arithmetics. Must be taken in a,b,c sequence. Prerequisite: 426b or consent of instructor.

**512-3 to 18. Advanced Topics in Mathematical Logic.** Incompleteness and undecidability results, including the necessary recursion theory; definability theorems; model theory; consistency of arithmetic. Prerequisite: 426b or consent of instructor.

**520-9 (3,3,3) Modern Algebra.** Topics from group theory, ring theory, and field theory; including Sylow theorems, solvable groups, nilpotent groups, rings with descending and ascending chain conditions, elementary divisor theorem for  $R$ -modules, Galois theory, and cyclotomy. Must be taken a,b,c sequence. Prerequisite: 419 or consent of instructor.

**522-3 to 18 Advanced Topics in Algebra.** Group representations, homological algebra, algebraic geometry, algebraic numbers. Prerequisite: 520b.



**525-3 to 18. Advanced Topics in Number Theory.** Emphasizes analytic methods; as analytic prime number theory; Dirichlet's theorem on primes in arithmetical progressions; Diophantine approximations; and geometry of numbers. Prerequisite: consent of instructor.

**527-3 Formal Languages.** (See Computer Science 554.) Prerequisite: 451.

**528-3 Automata Theory.** (See Computer Science 551.) Prerequisite: 451.

**529-3 Theory of Computability.** (See Computer Science 557.) Prerequisite: 451 or consent of instructor.

**530-9 (3,3,3) General Topology.** Topological spaces; denseness, category; open, closed sets, Borel sets; separation axioms; subspaces; continuity; lattice of topologies; countability axioms; connectedness, compactness, local properties; regularity to complete normality. Hilbert space, metrizable spaces; extension theorems; well-ordering; product spaces. Must be taken in a,b,c sequence. Prerequisite: 433b or consent of instructor.

**531-9 (3,3,3) Algebraic Topology.** Homology and cohomology of complexes; axiomatic homology and cohomology. Homotopy theory; covering spaces. Cohomology of sheaves; applications in analysis; DeRahm cohomology; Poincaré duality. Must be taken in a,b,c sequence. Prerequisite: 433b, 419b.

**532-3 to 18 Advanced Topics in Topology.** Topological groups, topological dynamics, uniform spaces, homotopy theory, fiber spaces, and others. Prerequisite: 530b.

**536-3 Differential Geometry.** Curvature, torsion, the Frenet formulas, and intrinsic equations of curves in three-dimensional Euclidean space; applications to kinematics. Curves on a surface; first and second fundamental forms; normal sections and Meusnier's theorem; mean and total curvature. Prerequisite: 452c.

**543-4<sup>1</sup> Probability for Teachers.** An introduction to the basic concepts of probability theory. Major topics include algebra of events, probabilities in a finite sample space, conditional probabilities and stochastic independence, random variables and their distribution, mathematical expectation, standard deviation, covariance, special distributions. Prerequisite: consent of instructor.

**545-4<sup>1</sup> Intermediate Analysis for High School Teachers.** A rigorous development of differentiation and integration of continuous real functions. Topics include sequences, series, limits, real continuous functions, integrable functions on a closed interval.

**548-2 to 4<sup>1</sup> Trends in School Mathematics.** For secondary school mathematics teachers dealing with current developments in mathematics instruction at the elementary and secondary levels. Prerequisite: consent of department.

**550-1 to 10 Seminar.** Supervised study and preparation of reports on assigned topics. Reports presented for class discussion. (a) Algebra. (b) Geometry. (c) Analysis. (d) Probability and Statistics. (e) Mathematics Education. (f) Logic and Foundations. (g) Topology. (h) Applied Mathematics. (i) Differential Equations. (j) Number Theory. Prerequisite: consent of instructor.

**551-9 (3,3,3) Functional Analysis.** The theory of linear transformations between infinitely dimensional topological vector spaces, including Banach and Hilbert spaces, with various applications. The basic notion for the study is that of a functional or continuous scalar-valued linear transformation. Must be taken in a,b,c sequence. Prerequisites: 501c and 421b.

**552-3 to 18 Advanced Topics in Analysis.** Abstract harmonic analysis, uniform asymptotic distribution model of sequence, several complex variables, summability methods. Riemann surfaces. Prerequisite: 501c.

**555-9 (3,3,3) Complex Analysis.** Classical and modern analytic function theory, including Cauchy-Riemann equations, Cauchy-Goursat theorem, conformal mapping, normal families, Riemann surfaces, entire functions. Must be taken in a,b,c sequence. Prerequisite: 452c.

**560-6 (3,3) Calculus of Variations.** An introduction to the basic concepts and techniques of the calculus of variations including the classical necessary conditions for an extremum of a functional, general end point conditions, the second variation, fields, sufficiency conditions, and applications. Must be taken in a,b sequence. Prerequisite: 452c.

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<sup>1</sup> These courses are open to candidates for the Master of Science in Education degree in mathematics, and to those who have received the consent of the chairman of mathematics.



**572-6 (3,3) Numerical Analysis II.** (See Computer Science 564.) Prerequisite: consent of instructor.

**580-9 (3,3,3) Statistical Theory.** Introduction to mathematical statistics. Estimation theory including such topics as the Cramer-Rao and Chapman-Robbins inequalities, and the Rao-Blackwell theorem, testing hypotheses with emphasis on the monotone likelihood ratio and the exponential family. Analysis of the general linear model and its application to the design of experiments. Decision theory including Bayes and minimax rules, admissibility and multiple decision procedures. Must be taken in a,b,c sequence. Prerequisite: 480b and 501 or concurrent enrollment in 501.

**581-9 (3,3,3) Advanced Probability Theory.** Background in modern probability theory. Measure-theoretic foundations; convergence theorems; additional selected topics. Prerequisite: 501c or consent of instructor.

**592-2 to 4<sup>1</sup> Research in Mathematics Education.** Critical study of research papers in the field of secondary mathematics education. Training in research and writing techniques as they pertain to the secondary mathematics program. Prerequisite: consent of chairman.

**595-1 to 10 Special Project.** An individual project, including a written report. (a) in algebra; (b) in geometry; (c) in analysis; (d) in probability and statistics; (e) in mathematics education; (f) in logic and foundations; (g) in topology; (h) in applied mathematics; (i) in differential equations; (j) in number theory. Graded S/U only. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward the Master of Arts degree.

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Medical Education Preparation

There is no graduate degree program offered through medical education preparation. Four hundred level courses may be taken for graduate credit, however, unless otherwise indicated in the course description.

**400-1 to 9 (1 to 3, 1 to 3, 1 to 3) Medprep Seminar.** Seminar on social, professional and scientific issues of interest to students planning a career in medicine. Required of MEDPREP participants. May be taken for graduate credit only with written permission of the relevant department and the graduate dean. Prerequisites: restricted to MEDPREP students or consent of instructor.

**401-1 to 18 (1 to 6, 1 to 6, 1 to 6) Medprep Tutorial.** Individual instruction in academic areas required for admission to medical school. May be taken for credit only if student has not previously received credit for formal course work covering the same material. May be taken for graduate credit only with written permission of the relevant department and the graduate dean. Prerequisite: restricted to MEDPREP students.

**402-1 to 8 (1 to 2, 1 to 2, 1 to 2, 1 to 2) Medprep Special Problems.** Seminars on selected topics and field study as needed by students preparing for medical school. May be used for graduate credit only with written permission of the relevant department and the graduate dean. Prerequisite: restricted to MEDPREP students.

### Microbiology

**401-1 Undergraduate Seminar.** Prerequisite: senior standing and consent of instructor.

**403-5 Medical Bacteriology Lecture.** A general survey of the mechanisms of infection, epidemiology, and immunity and the specific application of these principles to the symptomatology, diagnosis, treatment, and control of the more common bacterial infections of man. Prerequisite: 302.

**404-3 Medical Bacteriology Laboratory.** Procedures for the collection and handling of medical specimens for microbial examination and for cultivation

<sup>1</sup> These courses are open to candidates for the Master of Science in Education degree in mathematics, and to those who have received the consent of the chairman of mathematics.



and identification of the pathogenic organisms by their morphological, biochemical, and serological characteristics. Five hours laboratory. Prerequisite: or corequisite 403.

**421-3 Microbiology of Foods Lecture.** The relationships of micro-organisms to the preparation and preservation of foods with consideration of the laws governing sanitation, chemical preservatives, and fair dealing of the food producer. Three hours lecture. Prerequisite: 301.

**422-2 Microbiology of Foods Laboratory.** Methods for preservation, sanitary inspection, and microbiological examination of foods. Four hours laboratory. Prerequisite: or corequisite 421.

**423-3 Industrial Fermentation.** The application of the chemical activities of microorganisms to the industrial production of beverages, foods, antibiotics, and various commercial chemical products. Prerequisite: 301 and organic chemistry.

**425-6 (3,3) Biochemistry and Physiology of Microorganisms.** Lecture. The chemical basis of physiological functions in microbial cells. Prerequisites: 301 and organic chemistry.

**426-6 (3,3) Biochemistry and Physiology of Microorganisms.** Laboratory. Prerequisite or corequisite: 425.

**441-3 Virology Lecture.** General properties; classification and multiplication of bacterial and animal viruses; lysogeny; immunological and serological reactions; relation of viruses to cancer; and consideration of selected viral diseases of animals. Four hours lecture. Prerequisite: 302.

**442-3 Virology Laboratory.** Tissue culture methods, multiplication and assay of animal and bacterial viruses, purification, electron microscopy, interference, immunity. Six hours laboratory. Prerequisite: or corequisite 441.

**451-3 Immunology Lecture.** Antigens, antibodies, and antigenantibody reactions in vitro and in vivo, natural and acquired immunity. Four hours lecture. Prerequisite: 302.

**452-3 Immunology Laboratory.** Natural defense mechanisms and immune response, preparation of antigens and antibodies, serologic reactions, conjugated antibodies, electrophoresis, anaphylaxis. Six hours laboratory. Prerequisite: or corequisite 451 and senior or graduate standing.

**460-3 Genetics of Bacteria and Viruses Lecture.** Genetic mechanisms, mutation, transformation, recombination, transduction, lysogeny, phenotypic mixing, and reactivation phenomena. Three hours lecture. Prerequisite: 302.

**461-3 Genetics of Bacteria and the Viruses Laboratory.** Genetic mechanisms, mutation, transformation, recombination, transduction, lysogeny, phenotypic mixing, and reactivation phenomena. 6 hours laboratory. Prerequisite: or corequisite 460.

**462-3 Fungal Genetics Lecture.** Mendelian and molecular genetics of neurospora and yeast. Mutant induction, sexual crosses, tetrad analysis, linkage, and mapping. Prerequisite: Biology 305.

**463-3 Fungal Genetics Laboratory.** Six hours laboratory. Prerequisite: or corequisite 462 and consent of instructor.

**500-1 Seminar.** Prerequisite: consent of instructor.

**502-4 Evolution of Genetic Thought.** Critical examination of the development of genetic thought. Prerequisite: Biology 305 or equivalent.

**503-2 Cytology of Microorganisms.** Problems involved in the behavior of chromosomes at meiosis with special consideration of genetical data. 2 hours lecture.

**504-5 Methods of Microbiological Research.** The recognition and plan of attack upon unsolved problems in microbiology. 3 hours lecture and 4 hours laboratory.

**511-1 to 15 Research.** Prerequisite: consent of instructor.

**528-1 to 10 Readings in Microbiology.** Supervised readings for qualified graduate students. Prerequisite: consent of instructor.

**541-6 Advanced Virology.** Interactions between bacterial and animal viruses and their host cells; sequential synthesis of macromolecular components of viruses; synthesis of interferon; experimental carcinogenesis; genetic recombination among viruses. 3 hours lecture, 6 hours laboratory. Prerequisite: 441.

**542-3 Molecular Virology.** Interaction at the molecular level between tumorigenic and nontumorigenic DNA and RNA viruses and host cells, biochemical analysis of the growth cycle, uncoating, synthesis of virus-specified messenger RNA, enzymes and structural proteins, replication of viral nucleic acid, and maturation. 3 hours lecture. Prerequisite: 541.

**543-3 Molecular Virology Laboratory.** Characterization of viruses and their constituents; physiochemical properties; synthesis of nucleic acids and pro-



teins; induction of release of viruses from transformed cells; differentiation of sources of viral components; studies of various species of nucleic acids by such methods as sedimentation velocity, ultracentrifugation, pulse and pulse chase experiments, and polyacrylamide gel electrophoresis. Prerequisite: 541.

**562-3 Molecular Genetics.** Fundamentals including discussions of current research on replication, transcription, translation, mutation, suppression, repression, and their interaction and interdependence. Prerequisite: 425 and a 400-level course in genetics.

**599-3 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree. Prerequisite: consent of instructor.

**600-3 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree. Prerequisite: consent of instructor.

## Music

**405-3 Seminar in Instrumental Music Education.** Advanced problems of administration and supervision of public school instrumental music programs, selection of appropriate materials for study and development, rehearsal techniques, preparation and techniques for performances of all types. Prerequisite: 305I.

**409-2 Band Arranging.** Advanced methods and techniques in arranging for the concert and marching bands from public school to collegiate level. Includes methods of transcribing from orchestral, organ, and piano literature. Prerequisite: 309a or equivalent.

**411-15 (3,3,3,3,3) Music Literature.** (a) Symphonic: A study of the development of the symphony and the symphonic poem. (b) Choral: The literature of the larger vocal forms such as the cantata and oratorio. (c) Chamber Music: Study of chamber music from the Renaissance to the present. (d) Piano. From beginning to the present, including an introductory study of early harpsichord literature. (e) Organ. From the early Baroque to the present. Prerequisite: 357a,b,c, or consent of instructor.

**414-2 to 6 Collegium Musicium.** Practicum in the preparation and performance of music from early times to the classical period. Prerequisite: Music major and/or consent of the department.

**420-1 to 3 Music Education Practicum.** A shop-laboratory course dealing with the selection, adjustments, maintenance, and repair of musical instruments. Prerequisite: consent of instructor.

**430-2 Stage Band Arranging.** The study and analysis of jazz harmony, melody, and rhythm as applied to modern instrumentation. Workshop wherein arrangements are written and played. Prerequisite: 309a.

**440-1 to 4 Private Applied Music.**

a. Violin	f. Oboe	k. Piano	p. Baritone
b. Viola	g. Clarinet	l. French Horn	q. Voice
c. Cello	h. Bassoon	m. Trumpet	r. Organ
d. String Bass	i. Saxophone	n. Trombone	s. Harpsichord
e. Flute	j. Percussion	o. Tuba	

Applied music for graduate credit is offered at the 400 and 500 levels in the areas listed above. Credit is given at 1 to 4 hours per quarter on each level. May be repeated each quarter of graduate study. Students with majors in performance usually take 4 hours per quarter at the 500 level; majors in music education and all minors usually take 2 hours at the 400 level. Prerequisite for 440 and 540: 3 quarters at previous level on same instrument or consent of instructor.

**441-6 (2,2,2) Counterpoint.** (a) 16th Century Counterpoint. Species counterpoint and creative writing in the style of Palestrina and his contemporaries. Prerequisite: 205c or consent of instructor. (b) 18th Century Counterpoint. Analysis and creative writing in the contrapuntal-harmonic technique of Bach and his contemporaries. Prerequisite: 205c or consent of instructor. (c) Canon and Fugue. Analysis and creative writing of the larger imitative forms. Prerequisite: 441b.

**444-2 to 6 Intermediate Composition.** Required of undergraduates with concentration in theory-composition, culminating with original works in contemporary idioms. Taught by individual instruction. Prerequisites: 312-6.

**447-6 (3,3) Electronic Music.** (a) Introduction to classical studio equipment and techniques; use of voltage controlled equipment. Individual laboratory experience available. (b) Emphasis on creative projects, more sophisti-



cated sound experimentation and analysis. Enrollment limited. Prerequisite: 499, or GSA 361, or consent of instructor.

**451-3 Teaching of General Classroom Music.**

**453-2 to 6 Choral Materials and Techniques.** Demonstration and performance of choral rehearsal procedures; developing tone, diction, blend, and balance; concert production; performance of selected choral materials appropriate for junior and senior high school. Prerequisite: consent of instructor.

**454-2 to 6 Instrumental Materials and Techniques.** Demonstration and performance of instrumental music rehearsal procedures; developing tone, articulation, blend, and balance; concert production; performance of selected choral materials appropriate for junior and senior high school. Prerequisite: consent of instructor.

**455-2 to 6 Elementary Music Education Workshop.**

**456-6 (3,3) Music for Exceptional Children.** (a) Theories, applications, and techniques for therapeutic and recreational use of music with physically and mentally handicapped children. Includes keyboard, autoharp, guitar, and tuned and untuned classroom instruments. (b) Applications for the gifted, emotionally disturbed, and culturally disadvantaged child. Must be taken in a,b sequence. Prerequisite: 302a or consent.

**460-3 Teaching Music Appreciation.** Principles and methods for secondary schools and colleges; theories upon which various methods and principles are based.

**461-2 Teaching Techniques and Materials for the Beginning and Intermediate Levels.** Designed to meet the needs of applied students in which the problems of private studio teaching and college level teaching are discussed.

**462-2 Teaching Techniques and Materials for the Advanced Student.** Designed to meet the needs of applied students in which the problems of private studio teaching and college level teaching are discussed. (Continuation of Music 461.)

**468-2 to 12 Music Productions.** Study of the techniques involved in staging operas and musicals.

**471-6 (3,3) Ethnomusicology.** (Same as Anthropology 471.) A survey of theory, method, and form in ethnomusicology, with concentration on selected geographical areas. (a) Oceania, Asia, and Africa. (b) Middle East, Europe, and the New World.

**481-1 to 6 Readings in Theory.**

**482-1 to 6 Readings in Music History and Literature.**

**483-1 to 6 Readings in Music Education.**

**499-1 to 12 Independent Study.** The capable student engages in original investigations with faculty specialists. May be repeated for credit. Prerequisite: consent of instructor.

**501-3 Introduction to Graduate Study in Music.** Basic bibliographical and historical research techniques in music theory, literature, and education.

**502-6 (2,2,2) Analytic Techniques.** Analysis of representative works chosen from the Baroque, Classical, Romantic, and Modern eras.

**503-3 to 4 Objective Research Techniques in Music Education.** Theory, techniques, and procedures of evaluating music aptitude and achievement; survey of current research investigations in music education. A minor original research project is required.

**504-6 (3,3) Medieval and Renaissance Music.** (a) Medieval. (b) Renaissance.

**505-3 Music of the Baroque Period.** Opera, oratorio, cantata, and instrumental music in the period 1600 to 1750; the development of vocal and instrumental forms culminating in the works of Bach and Handel.

**506-3 Music of the Classical Period.** Development of opera, the symphony, the sonata, and chamber music in the 18th and early 19th century with particular emphasis on Haydn, Mozart and Beethoven.

**507-3 Music of the Romantic and Impressionistic Periods.** Development of opera, the symphony, the symphonic poem, the sonata, and chamber music in the 19th and early 20th centuries. Rise of nationalism, impressionism.

**508-3 Music of the Twentieth Century.** The heritage of 20th century music; study and analysis of musical philosophies of contemporary composers.

**509-3 The History and Philosophy of Music Education.** A study of the historical and philosophical evolution of music education and the identification of current forces, issues and trends influencing the profession.

**512-3 History of Opera.** The development of opera as a form, with a detailed study of operas since 1600.

**518-3 Pedagogy of Music Literature.** Principles of teaching music literature and music appreciation courses at the college level.



- 522-3 Seminar: Music History and Literature.** Advanced study in special periods of music history-literature.
- 531-2 to 9 Advanced Composition.** Composition in the larger forms for solo and ensemble performance. Required of all theory-composition majors 3 hours per quarter; elective credit for majors in other areas. Prerequisite: 444-6.
- 535-3 Contemporary Idioms.** Techniques of composition developed during the 20th century by composers of Europe and America.
- 540-1 to 4 Private Applied Music.** (See Music 440).
- 545-3 to 9 Pedagogy of Music Theory.** An orientation of the philosophies of theory to the problems of pedagogy. Required of all theory-composition majors.
- 546-3 Musical Aesthetics.** Nature and significance of music in the life of man. Critical theory in the writings of philosophers of music and art from Plato through Dewey and Cage.
- 550-3 Administration and Supervision of Music.**
- 556-2 to 6 Advanced Conducting.** Problems in score reading and interpretation. Laboratory conducting of larger ensembles.
- 560-2 to 3 Seminar in Music Education.** Trends, current practices, philosophies of music education.
- 566-1 to 12 Instrumental Ensemble.**
- 567-1 to 12 Vocal Ensemble.**
- 568-2 to 12 Opera Workshop.** An intensive course in opera for voice majors, including the study and public performances of scenes and entire operas.
- 595-1 to 9 Music Document.**
- 598-6 Graduate Recital.**
- 599-3 to 9 Thesis.**

## Occupational Education

- 419-4 to 16 Student Teaching in Occupational Programs.** Experience in working with special and post-high school technical training programs in approved centers. The student teacher will follow the program of the supervisors of the primary specialization in both regular and extra-class activities. Prerequisite: 319-12, 490.
- 420-8 (4,4) Enterprise: The Man-Machine System.** Classroom, laboratory, and library study of man-machine systems in a variety of industries and institutions, with emphasis on teaching children and youth to understand the world of work. For advanced students and experienced teachers. Must be taken in a,b sequence. Eye protection is required. Safety glasses may be purchased for approximately \$4.50. Prerequisite: 20 hrs. in occupational education.
- 421-4 Principles of Enterprise Teaching.** Problems and special methods of teaching in enterprise education programs. Prerequisite: 16 hours occupational education courses.
- 425-2 to 12 Practicum.** Applications of occupational skills and knowledge. Co-operative arrangements with corporations and professional agencies provide opportunity to study under specialists. Prerequisite: 20 hours in specialty.
- 430-2 to 8 Special Problems.** Special opportunity to obtain assistance and guidance in the investigation and solution of occupational education problems. Prerequisite: consent of instructor and coordinator.
- 450-2 to 12 Advanced Occupational Skills and Knowledges.** Modern occupational practice in selected fields. For experienced professionals seeking advanced techniques in specialized areas of occupational education. Prerequisite: intermediate level study in the specialty.
- 485-3 Principles and Philosophy of Vocational and Technical Education.** (Same as Agricultural Industries 485, Home Economics Education 485, Secondary Education 485, and Secretarial and Business Education 485.) Team teaching used. Nature and purposes of practical arts, vocational and technical education, their relationships and differences, and the place of each in preparing people for the world of work.
- 488-3 Analysis for Occupational Education.** Fundamentals of analyzing occupations and careers for establishing units of instruction for occupational education courses. Required for occupational teachers, coordinators, and supervisors. An extra text is available for approximately \$2.00. Prerequisite: 12 hours in teaching specialty.
- 489-3 Organization of Subject Matter.** Course and unit construction, prepara-



tion of materials for distribution to students, preparation of teacher-made tests, course evaluation and updating. Prerequisite: 488.

**490-3 Principles of Occupational Teaching.** Methods of teaching in occupational education programs. Required for occupational teachers, coordinators, and supervisors. Prerequisite: 12 hours in teaching specialty.

**493-3 Audio-Visual Media for Occupational Education.** Selection, development, analysis, and use of commercial and self-made software systems.

**500-8 (4,4) Legislation, Organization, and Administration of Occupational Education.** (a) Historical and contemporary thought and practice re federal and state legislation for occupational education in sundry institutions. Legislators are used as resource persons. Required for supervisors. (b) Policies governing the organization and administration of programs in states and local agencies. Students write a proposal for a new program. Must be taken in a,b sequence.

**502-4 Evaluation of Occupational Education Programs.** Criteria and instrument development, testing techniques, and appraisals. Special emphasis given to the principles and methods of evaluation of progress in laboratory and shop subjects of a practical arts nature. Experience in development and construction of pertinent and effective evaluative devices. Prerequisite: one course in tests and measurement.

**505-4 Administration and Supervision of Occupational Education.** Principles, practices, and techniques relating to supervising and administering local programs. Required for vocational coordinators and supervisors.

**506-4 Cooperative Programs.** Problems and procedures involved in setting up and operating cooperative work-study programs. Required for vocational coordinators.

**510-4 Planning Occupational Education Facilities.** Principles and practices of planning classrooms and laboratories for occupational education programs. How to work with administrators, staff, and paid professionals to assure judicious location and design of facilities.

**525-4 Cooperative Vocational-Technical Education.** (Same as Agricultural Education 525, Home Economics Education 525, and Secretarial and Business Education 525.) Team teaching used. Interrelated cooperative programs as they are developed in America, and especially Illinois, are presented. Coordinators' duties and responsibilities along with the operation of interrelated vocational cooperative programs are featured.

**540-4 Research in Occupational Education.** Basic research methods and techniques in the design, investigation, and reporting of research studies relating to occupational education.

**541-4 Occupational Information and Guidance.** Designed for school counselors, industrial supervisors, and teachers to give them orientation to and experience with occupational information and vocational adjustment.

**550-4 College Teaching of Occupational Education.** Problems of college students and their adjustments to occupational subject matter. Organization and utilization of laboratories and instructional systems. Professional contributions of college teachers.

**560-2 to 12 New Developments in Occupational Education.** Recent developments and trends in occupational education, presented by recognized authorities for discussion and review.

**570-2 to 6 Special Investigations.**

**580-1 to 9 Seminar.**

**599-1 to 9. Thesis.**

## Philosophy

**400-4 Contemporary Mind.** Analysis of thought-patterns and motivations dominating the American mind during the present decade of the 20th century.

**406-4 Philosophy of Biology.** Leading concepts of biological sciences: species, evolution, life, organism and part, etc. Abstract ideas of biology are related, wherever possible, to specific experiments recorded in scientific literature. Prerequisites: 300 or 320, and three laboratory or field courses in the biological sciences or consent of instructor.

**415-3 Logic of the Social Sciences.** (Same as Sociology 415.) Logical and epistemological examination of the social studies as types of knowledge. Basic problems in philosophy of science with major emphasis upon social science:



relationship of theory to fact, nature of induction, nature of causal law, testability, influence of value judgments, etc. Intended for students with considerable maturity in a social science or in philosophy.

**420-4 Theory of Logic.** Propositions, analysis of terms, theory of inference, both formal and material. Prerequisite: 320.

**424-3 Advanced Formal Logic.** Special relevance to philosophy students. Includes logical principles, many-valued logics, modal logics, and the logic of imperatives. Prerequisite: 320.

**425-3 Philosophy of Language.** Introduction to basic problems in the philosophy of language including alternative theories of meaning and reference and the relation between meaning and intention.

**432-4 Philosophy of Mathematics.** (Same as Mathematics 432.) Philosophical problems of mathematics. Epistemological issues raised by non-Euclidean geometry. Representative writers on foundations, including nominalists, institutionalists, logicists and formalists. Ontological commitment, conventionalist theories of mathematical truth, logical paradoxes and alternative set theories; significance of the theorems of Godel and Skolem-Lowenheim. Prerequisite: 320 or 15 hours mathematics.

**441-4 Philosophy of Politics.** (Same as Government 441.) Some of the central problems of modern political life, such as sovereignty, world government, authority and consent, the relations of economics and social studies to political theory. Prerequisite: GSC 102 or 340 or consent of instructor.

**443-4 Philosophy of History.** Classical and contemporary reflections on the nature of history and historical knowledge as the basis for dealing with the humanities. Prerequisite: consent of instructor.

**460-4 Advanced Philosophy of Art.** The definition of art, its relations to science, culture, and morals; the various types of art defined. Familiarity with at least one of the fine arts is assumed. Prerequisites: GSC 207 or 360, and six courses in music, painting, sculpture, literature, or drama.

**465-3 British Moralists.** Texts and commentaries for 17th and 18th centuries. Moral philosophy of Hobbes, Locke, Cudworth, Hutcheson, Butler, Price, and Hume. Prerequisite: 340 or consent of department.

**471-8 (4,4) The Classic Greek Philosophers.** (a) Plato. (b) Aristotle. Prerequisite: 381 or consent of department.

**472-12 (4,4,4) Seventeenth Century Philosophers.** (a) Descartes. (b) Locke. (c) Spinoza. Prerequisite: 383 or consent of department.

**473-8 (4,4) Eighteenth Century Philosophers.** (a) Hume. (b) Kant. Prerequisite: 383 or consent of department.

**474-12 (4,4,4) Nineteenth Century Philosophers.** (a) Hegel. (b) J. S. Mill. (c) Marx. Prerequisite: 306 or consent of department.

**477-4 Latin American Philosophy.** A survey of philosophic thought in Latin America from colonial times through 19th century positivism and the reactions against it, up to recent trends. Reading of original texts in English translations. Discussions and reports.

**478-4 Seminar in Latin American Thought.** (See Spanish 478.)

**482-3 Recent European Philosophy.** Philosophical trends in Europe from the end of the 19th Century to the present. Phenomenology, existentialism, the new Marxism, structuralism, and other developments. Language, history, culture, and politics.

**490-2 to 12 Special Problems.** Hours and credits to be arranged. Courses for qualified seniors and graduates who need to pursue certain topics further than regularly titled courses permit. Special topics announced from time to time. Students are invited to suggest topics for individual study and papers or for group study. Prerequisite: consent of instructor.

**497-12 (4,4,4) Honors.** Topic for each quarter will vary. Enrollment restricted to undergraduates. Prerequisite: consent of department.

**500-4 Metaphysics.** Recent writers and current problems in metaphysics.

**501-4 Philosophy of Religion.** Analysis of a problem in philosophical theology or the phenomenology of religion, or of the work of a particular thinker.

**503-4 Philosophical Ideas in Literature.** Metaphysical and ethical world views embodied in representative classics of poetry and prose from ancient to contemporary times.

**505-4 Philosophy of Science.** Logic, methods, history, or epistemology of science.

**510-4 Indian Philosophy.** Schools, systems, or problems in Indian thought.

**511-4 Chinese Philosophy.** Confucianism, Taoism, or Buddhism. Emphasis on comparison of philosophy East and West.



- 512-4 Philosophy of Culture.** Forms and assumptions of Eastern and Western philosophies.
- 515-4 Theory of Nature.** Presuppositions of the Western view of nature, the need for revision of causal determinism, and the reintroduction of freedom into the spatiotemporal world.
- 520-4 Logic.** Recent advances in logic.
- 524-4 Analytic Philosophy.** Analytic Philosophy of men such as Austin, Ryle, Ayer, Carnap, G. E. Moore.
- 530-4 Theory of Knowledge.** A contemporary writer or problem in epistemology. Emphasis on problem of reliability and structure of scientific knowledge.
- 531-4 Whitehead.** Study in depth of a selected aspect or problem in Whitehead's philosophy.
- 540-4 Philosophy of Journalism.** (See Journalism 540.)
- 542-4 Political and Legal Philosophy.** Relations of law, morality, and politics, and consideration of problems and issues in philosophy of law.
- 545-4 Ethics.** Recent British and American ethical theory.
- 550-4 Theory of Value.** General theory of value or treatment of one or more philosophers on contemporary problems of value.
- 560-4 Aesthetics.** Selected topics or writings.
- 570-4 American Idealism.** One or more American idealists. Recent seminars have been devoted to the thought of Brand Blanshard and Peter A. Bertocci.
- 572-4 Twentieth Century Philosophers.** Inception and development of THE LIBRARY OF LIVING PHILOSOPHERS from Volume I on John Dewey to the present.
- 575-8 (4,4) Phenomenology and Existential Philosophy.** (a) Phenomenology. The phenomenological tradition and its contemporary transformations. (b) Existential Philosophy. Classical works of existentialism.
- 577-12 (4,4,4) Dewey.** (a) Metaphysics. (b) Theory of Knowledge. (c) Ethics.
- 579-4 Bertrand Russell.** Bertrand Russell's theories of meaning, logic, and knowledge.
- 581-4 Plato.** Thorough study of several of the dialogues. System of Plato as a whole, discussions and reports on the readings.
- 582-4 Aristotle.** Intensive reading of several texts, illustrating widely varied portions of Aristotle's thought.
- 584-4 Medieval Philosophy.** Representative philosophers and problems.
- 585-4 British Empiricism.**
- 586-4 Spinoza.** Analysis of the improvement of the understanding and the ethics. Medieval tradition and to Spinoza's contemporaries. Discussions and reports.
- 587-4 Hegel.**
- 588-12 (4,4,4) Kant.** (a) Critique of Pure Reason. (b) Critique of Practical Reason. (c) Critique of Judgment.
- 590-2 to 16 General Graduate Seminar.** Selected topics or problems in philosophy.
- 591-1 to 5 Readings in Philosophy.** Supervised readings for qualified students. Consent of instructor required.
- 599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.
- 600-3 to 48 Dissertation.**

### Physical Education

Courses in this department may require the purchase of supplemental materials.

**400-4 Evaluation in Physical Education.** Historical background of measurement in physical education; selection and evaluation of contemporary testing devices; structure and use of tests; administering the testing program; and interpretation and application of results. Fulfills the tests and measurements course requirements for the Master of Science in Education degree.

**402-4 Organization and Administration of Intramural and Extramural Activities.** Planning intramural programs of sports; planning and coordinating extramural activities commonly associated with physical education.

**403-4 The Adaptation of Physical and Recreational Activities for the Special Student.** Recognition of problems and planning of programs for students with special problems.

**404-2 to 4 The Teaching of Sports.** Teaching methods, officiating, organization, safety precautions, and selecting equipment for sports.



**406-4 Basic Concepts of Physical Education.** The place of physical education in the school program, and the concepts underlying the program. (Required of all students not presenting the undergraduate courses 354 or 340.)

**407-2 to 4 Advanced Theory and Techniques in the Prevention and Rehabilitation of Athletic Injuries.** Theoretical and practical methods of preventing and treating athletic injuries.

**408-4 Physical Fitness—Its Role and Application in Education.** Improvement of programs and teaching techniques involved in the development of various aspects of physical fitness. Units on postural status; body weight control; tension factors, causes, and control; exercise tolerance; and general body mechanics and control.

**410-4 Behavioral Foundations of Coaching.** Behavioral problems of the athlete and coach and possible solutions to such problems. Application of behavioral principles and theories as a basis for understanding the interaction between coach and student in the athletic environment. Prerequisite: Guidance 305 or consent of instructor.

**415-4 Workshop in Gymnastics for Women.** For undergraduates and graduates. Techniques and theory of teaching, coaching, judging official performances, conducting gymnastic meets, clinics, and demonstrations. Spotting and analysis of performance.

**416-4 Current Theories and Practices in the Teaching of Dance.** (Same as Theater 416.) History and evolution of dance; place of dance in education. Prerequisite: GSE 113d or Physical Education-Women 115h, and 240.

**420-4 Physiological Effects of Motor Activity.** The general physiological effects of motor activity upon the structure and function of body organs; specific effect of exercise on the muscular system. Requires purchase of laboratory manual. Prerequisite: GSA 209 or equivalent.

**444-2 to 8 Contemporary Dance Workshop.** Dance technique and theory, composition, improvisation, and production. Advanced study of the problems of choreography and production in their presentation as theater. Public performance is required. Prerequisite: one year of technique and theory or equivalent. Mandatory Pass/Fail for undergraduates.

**475-2 to 4 Individual Research.** The selection, investigation and writing of a research topic under supervision of an instructor. (a) Dance, (b) kinesiology, (c) measurement, (d) motor development, (e) physiology of exercise, (f) history and philosophy.

**500-4 Techniques of Research.** Critical analysis of research literature; study of research methods and planning research studies. Prerequisite: 400 or concomitant registration in 400.

**501-4 Curriculum in Physical Education.** Principals and procedures for curriculum construction and revision; criteria for selecting activities and judging outcomes and the place of the physical education course of study within the total curriculum.

**502-4 Foundations of Motor Skills.** Application of physiological, kinesiological, and mechanical principles to intelligent control of large-muscle activities. Recommended background: a course in kinesiology.

**503-4 Seminar in Physical Education.** The course content and its procedures center around group discussions of controversial issues that currently exist in physical education and provide opportunities for practice in seeking unbiased solutions to professional problems.

**504-4 Research Projects in Physical Education.** Planning, conducting, and reporting original research studies. Prerequisite: 500 or equivalent.

**508-4 Administration of Interschool Athletics.** Existing problems in interschool athletics, with attention to secondary school athletic programs.

**509-4 Supervision of Physical Education.** The functions of supervision in physical and health education; basic principles and methods of supervision. Techniques and methods for increasing the effectiveness of the program at the elementary and high school levels.

**510-4 Motor Development.** Early patterns of motor behavior and the development of physical skills in childhood. The development of physical abilities during adolescence. Individual differences in motor proficiency and factors affecting the acquisition of motor skills. Concepts of motor learning with inferences for improving instructional practices.

**511-4 Analysis of Human Physical Movement.** Basic human movements as performed by individuals of different ages analyzed. Understanding of movement mechanics at varying levels of skill analyzed. Additional material required. Prerequisite: 303 or equivalent.



**513-4 Perceptual Motor Learning of Physical Skills.** Principles of learning applied to motor performance. Variables that affect learning of physical skills. Prerequisite: consent of instructor.

**514-4 Advanced Laboratory Techniques for Physical Exercise.** Fundamental theory and procedures of instrument preparation, calibration, and application in data procurement. Prerequisite: 420 or equivalent, consent of department.

**515-4 Body Composition and Human Physical Performance.** Physical dimensions of the human body as they influence motor performance and are modified by protracted physical exercise. Prerequisite: 420 or equivalent.

**517-4 Athletic and Physical Education Facility, Design, Construction, and Maintenance.** Basic principles of design, construction, and maintenance of athletic and physical education facilities based upon program characteristics and potential student enrollment. Emphasis on the development of new materials and trends toward new concepts of design and construction. Prerequisite: Physical Education-Men 354 or Physical Education-Women 353 or equivalent or consent of instructor.

**520-4 Metabolic Analysis of Human Activity.** Metabolic principles pertinent to human physical performance with emphasis on sport, exercise, and occupational activity analysis. A detailed study of oxygen utilization, oxygen debt, mechanisms of oxygen transport as they relate to physiological homeostasis in localized and total body motor activity. Emphasis on the laboratory study of aerobic and anerobic performance. Prerequisite: 420 or equivalent.

**525-1 to 6 Readings in Physical Education.** Supervised reading in selected subjects. Open only to last-quarter seniors and graduate students.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree. Five bound copies of Thesis required. May require purchase of appropriate equipment. Prerequisite: 500 or equivalent.

**600-2 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree. Five bound copies of Dissertation required. May require purchase of appropriate equipment. Prerequisite: 500 or equivalent.

## Physics

**401-3 Mechanics.** Rigid body mechanics, normal coordinates, mechanics of continuous media, and advanced principles. Prerequisites: 301, Mathematics 407, or consent of instructor.

**404-6 (3,3) Physical Electronics.** Kinetic theory and statistical mechanics with applications to electronic conduction in solids, vacuum, and gases, electron emission and ballistics; Bose-Einstein and Fermi statistics, electron theory of metals; semiconductors; quantum physical phenomena of the solid state. Prerequisites: 304, 305, 401 or consent of instructor.

**405-3 Electronics.** Advanced theory and application of vacuum tubes and semiconductor devices as circuit elements in power supplies, oscillators, amplifiers, and shaping circuits. Prerequisites: 305 and 309 or consent of instructor.

**410-6 (3,3) Introduction to Electromagnetic Wave Theory.** A theoretical study of electromagnetic wave generation, propagation, and detection, with applications to microwaves and modern optics. Prerequisite: 305, 310.

**415-12 (3,3,3,3) Modern Physics.** Elements of wave mechanics, special relativity, atomic, molecular, and nuclear physics. Prerequisites: 301, 305, Mathematics 407, or consent of instructor.

**418-1 to 4 Modern Physics Laboratory.** Advanced laboratory work with pulsed and continuous lasers and optical detectors, nuclear magnetic resonance, nuclear spectroscopy, vacuum techniques, mass and beta spectroscopy, and semiconductor physics.

**420-2 to 5 Special Projects.** Each student is assigned to a definite investigative topic. Adapted to advanced undergraduate students. Prerequisites: 301, 305.

**447-5<sup>1</sup> Topics in Classical Physics.** Assists experienced teachers to improve their understanding of classical physics and the strategy of presenting it. Emphasis on demonstration of phenomena as basic strategy in the introduction of new material. Attention given to the design of demonstration apparatus. Related laboratory experience is an integral part of the course. Prerequisite: consent of department.

**448-5<sup>1</sup> Topics in Modern Physics.** Assists experienced teachers to extend their understanding of modern physics. Lectures and demonstrations aim at improvement of the means of presenting the ideas of modern physics. Related



laboratory experience is an integral part of this course. Prerequisite: consent of chairman of department.

**449-3<sup>1</sup> (1,1,1) In-Service Institute for Teachers of Physics.** A series of lectures, demonstrations, discussions, and films to assist teachers of high school physics in meeting their classroom problems and responsibility. Prerequisite: consent of chairman of department.

**504-12 (4,4,4) X-Ray Diffraction and Lattice Dynamics.** (See Applied Science 504.)

**510-9 (3,3,3) Classical Mechanics.** Generalized coordinates and forces. Lagrangian, Hamiltonian and variational formulations of mechanics. Central forces, oscillations; normal modes of molecular systems. Dynamics of non-rigid solids and liquids. Prerequisite: 401.

**511-9 (3,3,3) Mathematical Methods in Physics.** Vector spaces and operators in physics. Hilbert spaces and complete orthonormal sets of functions. Elements and applications of the theory of analytic functions. Methods for the solution of partial differential equations of physics. Prerequisite: Mathematics 407 or equivalent, consent of instructor.

**520-2 to 5 Special Projects.** Each student assigned a definite investigative topic requiring resourcefulness and initiative. Prerequisite: consent of instructor.

**530-9 (3,3,3) Electromagnetic Theory.** Determination of static, electrostatic, and magnetostatic fields. Microscopic and macroscopic theory of insulators and conductors. Maxwell's equations; radiation, propagation and scattering of electromagnetic waves. Electrodynamics and special theory of relativity. Prerequisite: 305.

**531-9 (3,3,3) Quantum Mechanics.** Quantum mechanics of free and bound particles. Angular momentum, perturbation theory, scattering theory. Prerequisite: 415, Mathematics 407 or consent of instructor. Physics 511 desirable.

**532-9 (3,3,3) Advanced Quantum Mechanics.** Relativistic quantum mechanics, the Dirac equation; introduction to quantum field theory. Introduction to many-body problems. Special topics in solid state theory, nuclear physics, and elementary particle physics according to the interests of the students and the instructor. Prerequisites: 531 and consent of instructor.

**540-9 (3,3,3) Nuclear Physics.** Fundamental properties and systematics of nuclei, scattering theory, the nuclear two body problem, nuclear models, electromagnetic properties of nuclei, particle radioactivity, nuclear reactions, the optical model. Prerequisite: 531 and consent of instructor.

**550-9 (3,3,3) Atomic and Molecular Spectra.** Detailed quantum mechanical treatment of atomic and molecular spectroscopy. Prerequisite: 531 and consent of instructor.

**560-9 (3,3,3) Statistical Mechanics.** Principles of classical and quantum equilibrium statistics. Ergodic Hypothesis, ensembles, partition functions. Applications to atomic, molecular and other physical systems. Fluctuations and non-equilibrium phenomena. Prerequisite: consent of instructor.

**570-9 (3,3,3) Solid State Physics.** Fundamental concepts in solid state physics. Lattice vibrations, band theory of solids, the Fermi surface, dynamics of electrons. Transport, cohesive, optical, magnetic and other properties of solids. Prerequisite: consent of instructor.

**575-1 to 4 Graduate Seminar.** Lectures on special topics to be given when a demand arises. Prerequisite: consent of instructor.

**580-3 to 6 Selected Topics in Physics.** Topics of special interest. Prerequisite: consent of instructor.

**592-1 Colloquy in Molecular Science.** Required each quarter of all resident students who have been admitted to advanced study in molecular science. Weekly conference on current research and recent literature of the field.

**597-3 to 45 Special Topics in Molecular Science.** Prerequisite: admission to the molecular science doctoral program and consent of instructor.

**598-3 to 25 Special Projects in Molecular Science.** Prerequisite: admission to the molecular science doctoral program and consent of instructor.

**599-1 to 9 Thesis.**

**600-1 to 48 Dissertation.** Hours and credit to be arranged by chairman. Prerequisite: admission to advanced study in molecular science.

<sup>1</sup> Open to teachers of high school physics, to National Science Foundation Institute participants, and to others who have received the consent of the chairman of the Department of Physics and Astronomy or the director of the institute. May count toward the Master of Science in Education degree with approval of the Department of Secondary Education.



## Physiology

**410-5 (5,5,5) Advanced Anatomy.** Primarily for students with a concentration in physiology or related sciences. Laboratory sessions involve dissection of the human body. 2 hours lecture and 6 hours laboratory per week. Prerequisite: consent of instructor.

**414-4 Anatomy and Physiology of Speech and Hearing Mechanisms.** Covers anatomy and physiology of the vocal apparatus and the hearing apparatus. 3 hours lecture and 2 hours laboratory per week. Prerequisite: consent of instructor required for graduate students.

**415-7 (3,4) Experimental Animal Surgery.** Principles of surgery as applied in animal research. Course covers animal preparation, anesthesia, instruments, selected surgical procedures, care of animal quarters. Part (a) (2 lectures and 1 two-hour laboratory per week) is preparatory for part (b) (2 lectures and 2 two-hour laboratories per week) or for Animal Industries 502 (large animal surgery course)

**417-8 (4,4) Principles of Pharmacology.** Action of drugs and other chemical substances on living organisms; pharmacodynamics, chemotherapy, toxicology, and therapeutics. 3 lectures and 1 two-hour laboratory per week. Prerequisites: basic courses in chemistry and biology.

**426-4 Comparative Endocrinology.** (Same as Zoology 426.) Comparison of mechanisms influencing hormone release, hormone biosynthesis, and the effects of hormones on target tissues. Includes ablation and histology of glands, and chemical and bioassays with vertebrates and invertebrates. Prerequisite: Biology 308 and consent of instructor.

**430-6 (3,3) Cellular Physiology.** Structure and function of living cells and cell materials; chemical and physical analysis of biological activity at the cellular level. 3 lectures per week.

**433-4 Comparative Physiology.** Comparisons of physiological processes in animal phyla, with emphasis on developmental aspects of organ and organ system function. 3 lectures and 1 two-hour laboratory per week.

**440-3 Electron Microscopy.** Open to students with advanced knowledge of natural or physical sciences. Course provides lectures, demonstrations, and practical experience in specimen preparation and use of the electron microscope. 2 lectures and 1 two-hour laboratory per week.

**450-1 to 16 Special Problems in Physiology.** Eight hours laboratory. Prerequisite: consent of department.

**456-4 to 12 Independent Research for Honors.** Supervised research and investigation in different branches of physiology. Prerequisite: consent of instructor and chairman. Open to undergraduate honors students only.

**460-15 (5,5,5) Mammalian Physiology.** Functions of mammalian organ systems, with emphasis on man. (a) blood, circulation, and respiration; (b) digestion, excretion, and endocrines; and (c) nervous system and sense organs. 3 lectures and 2 two-hour laboratories per week.

**465-6 (3,3) Biophysics.** Physical analysis of biological systems, physical properties of biological materials, molecular biophysics, effects of physical environmental factors on living organisms, theoretical biophysics. 3 lectures per week. Prerequisites: 1 year of college physics, 1 year of college mathematics, 1 year of college biology.

**471-3 Biophysical Instrumentation.** Construction and maintenance of biophysical instruments. 1 lecture, 2 two-hour laboratories per week. Prerequisites: Engineering 410 or equivalent electronics background, permission of instructor.

**500-1 Advanced Seminar in Physiological Sciences.** Presentations of research and current literature. Required of all graduate students with a major concentration in physiology.

**519-4 Advanced Endocrinology.** Methods of analysis of endocrine effects; research methods used in endocrinology; endocrine drug principles in human and animal behavior. 3 lectures and 1 two-hour laboratory per week. Prerequisites: strong background in chemistry and biology.

**520-3 Physiological Techniques.** Advanced study of special procedures used in physiological research. 1 lecture and 2 two-hour laboratories per week. Prerequisite: graduate standing in physiology or a related science.

**521-1 to 4 Readings or Special Research in Physiology.** By special arrangement with instructor. A maximum of 12 hours of 521 may be accumulated.

**540-8 (4,4) Advanced Comparative Physiology.** Current concepts, research,



and literature in comparative studies of physiological processes in the animal kingdom. 3 lectures and 1 two-hour laboratory per week. Prerequisites: graduate courses in chemistry and biology (including physiology 433 or the equivalent), consent of instructor.

**565-4 Advanced Biophysics.** Advanced study of biophysical research and literature. 3 lectures and 1 two-hour laboratory per week. Prerequisite: 465 or equivalent, consent of instructor.

**580-2 to 18 (2 to 3 for each topic) Current Topics in Physiology.** Readings and group discussions in areas of current interest. (a) Biological structure. (b) Biophysics. (c) Cardiovascular physiology. (d) Cellular physiology. (e) Endocrinology and pharmacology. (f) Metabolism. (g) Neurophysiology. Prerequisite: background in biological sciences and consent of instructor.

**599-1 to 9 Thesis Research.** A maximum of 9 credit hours of 599 may be applied toward requirements for the master's degree.

**600-1 to 48 Doctoral Dissertation Research.** Hours and credit to be arranged by adviser and the department Graduate Training Committee.

## Plant Industries

Field trips are required for certain courses.

**401-4 Soil Physics.** Physical properties of the soil; factors affecting them, their measurements, evaluation, and their influence in determination of soil productivity. Prerequisite: 301.

**402-4 Soil Morphology and Classification.** Morphology and soil formation, description and identification of soil profiles, classification of soils, techniques of soil mapping, and interpretation of survey data. Field trips approximate cost \$6. Prerequisite: 301.

**403-4 Basic Soil-Plant Relationships.** The soil as a substrate for plant growth. The properties of the soil important in supplying the necessary mineral nutrients, water and oxygen and for providing an environment conducive for the elaboration of the root system. Prerequisite: 301.

**404-3 Turf Management.** Principles and methods of establishing and maintaining turf for homes, recreational areas, and public grounds. Study of basic plant and soil materials, fertility, culture, water management, and pest control as related to turfgrasses in variable environments. Field trips cost not more than \$2. Prerequisite: an introductory biology course.

**406-5 Radioisotopes, Principles and Practices.** Lectures on the principles of radioisotope technology as applied to agricultural and biological sciences. Prerequisites: general chemistry and biochemistry or equivalent.

**407-5 (3,2) Fertilizers and Soil Fertility.** (a) Lecture. The uses of fertilizer materials; effects of various fertilizers on soils and crops; fertility maintenance and soil management. Prerequisite: one course in soils. (b) Laboratory. The laboratory study of the chemistry and fertility of soils. Parallels the theoretical presentation given in 407a. Prerequisites: 407a or concurrent enrollment.

**408-4 World Crop Production Problems.** Ecological and physiological factors influencing reproduction in various areas of the world. Natural limitations on crop production. Nonagricultural factors influencing world crop output. Prerequisite: 109.

**409-3 Crop Physiology and Ecology.** The effects and significance of physiological and ecological parameters on crop yields. Prerequisite: Botany 320 or consent of instructor.

**410-4 Pest Control Principles and Operations.** Pests and pest damage to plants; principles of pest control; control strategy and influence of pest control operations. Field trips, costing approximately \$3. Prerequisite: Zoology 316 or equivalent, or consent of department.

**415-4 Plant Breeding.** Principles of plant breeding emphasized together with their application to the practical breeding of horticultural, agronomic, and forest plants. Prerequisite: any course in genetics.

**418-4 Weeds and Their Control.** Losses due to weeds, their identification and distribution, methods of weed dissemination and reproduction. Mechanical, biological, and chemical control of weeds. "Bioactivity of herbicides." State and federal legislation pertaining to weed control herbicides. Herbicide commercialization. Field trips. Prerequisite: one introductory biology course.

**419-4 Forage Crop Management.** Forage production and utilization; forage crop characteristics, breeding, and ecology; grasslands as related to animal production, soil conservation, crop rotation, and land use. Field trip ap-



proximate cost \$3. Prerequisite: one course in introductory biology or equivalent.

**424-5 (3,2) Soil Microbiology. (a) (Lecture).** A study of the numbers, characteristics, and biochemical activities of soil microorganisms, with particular consideration of their role in the transformations of organic matter, nitrogen, and minerals as related to soil fertility and management. Prerequisite: one course in microbiology or soils. **(b) (Laboratory).** Experiments designed to determine numbers, and to study the characteristics and biochemical activities of the soil microflora as related to fertility. Prerequisites: 424a, or concurrent enrollment.

**437-4 Vegetable Production.** Culture, harvesting, and marketing of vegetables. Field trips cost approximately \$3.00. Two-hour laboratory. Prerequisite: 264 or consent of department.

**438-3 Advanced Studies in Vegetable Crops.** Genetics, morphological, and physiological factors influencing the production of vegetable crops. Offered in alternate years. Prerequisite: 264, Botany 320, or consent of department.

**440-5 Plant Propagation.** Fundamental principles of asexual and sexual propagation of horticultural plants. Actual work with seeds, cuttings, grafts, and other methods of propagation. Prerequisites: 264.

**444-4 Floriculture.** Principles of greenhouse management governing production, timing, and marketing of the major floricultural crops grown in the commercial greenhouse. Requires student-financed field trip. Prerequisite: 264.

**507-3 Advanced Soil Fertility.** Theoretical principles of soil fertility; evaluation of research data and methods used in soil fertility research. Prerequisite: 407a.

**518-4 Principles of Herbicide Action.** Chemistry and mode of action of herbicides. Nature of herbicidal action. Illustrates the various types of chemical weed control procedures in current use. The physiology of herbicidal action examined using the different mechanisms established for various chemical groups of herbicides. Prerequisite: 418, Botany 320.

**520-1 to 6 Readings.** Contemporary books and periodicals on selected subjects within the fields of plant industries. Prerequisite: consent of department.

**533-5 Growth and Development in Plants.** Physiological control of developmental processes. Emphasis on exogenous growth-regulating compounds and their behavior in plants. Prerequisite: Botany 320 or consent of instructor.

**575-1 to 6 Research.** Directed research on approved projects investigating selected fields of the plant industries. Prerequisite: consent of department.

**581-1 to 6 Seminar.** Group discussions of and individual papers on subjects and problems relating to soils, field and horticultural crops, and other phases of the fields of the plant industries.

**588-1 to 12 International Graduate Studies.** Residential graduate study programs abroad. Approval of department required both for the nature of program and the number of quarter hours of credit. Prerequisite: consent of department.

**590-1 to 4 Special Studies in Plant Industries.** Directed study in specialized areas of crop production, horticulture, or soils depending on the program of the student. Discussions, seminars, readings, and instruction in research techniques. Prerequisite: consent of department.

**599-1 to 9 Thesis.** At least 5 hours is required for the master's degree. Prerequisite: consent of department.

## Psychology

**404-4 Theories of Perception.** An examination of the different theories concerned with an organism's sensory contact with his environment. Physiological, social, and organizational theories of perception will be considered. Prerequisite: 211b or consent of instructor.

**407-4 Theories of Learning.** A consideration of the major contemporary learning theories and their relation to experimental data. Prerequisite: 211b or consent of instructor.

**408-4 Theories of Motivation.** Systematic analysis of the concept of motivation with emphasis on its utility as an explanatory component of general behavior theory. Prerequisite: 211b or consent of instructor.

**411-4 Seminar in Psychological Principles of Training.** Undergraduate seminar. In depth coverage of those areas in which the principles of learning derived from laboratory research can be applied to practical problems. Prerequisite: 311, GSB 202.



**414-4 Advances in Physiological Psychology.** Reading and discussion of articles dealing with recent significant advances in the neuroendocrine bases of behavior. Emphasis on readings and discussion by the students. Prerequisite: 314 or consent of instructor.

**415-4 Psychopharmacology.** The effects of drugs on psychological processes and on the behavior of humans and animals. These effects related to the physiological and biochemical alterations that drugs produce. Prerequisite: 314 or Chemistry 122a and 123a, and GSA 209, and GSB 202.

**421-4 Psychological Tests and Measurements.** Principles of psychological measurement, including errors of measurement, techniques for estimating reliability and validity, techniques of test construction, and problems in assessment and prediction. The laboratory will include the use of selected instruments. Lecture and laboratory. Prerequisite: 8 hours of psychology.

**425-4 Mathematical Psychology.** A survey of mathematical models of behavior, elementary models of learning, perception, and decision making are examined with a view towards introducing the student to the literature in mathematical psychology. Prerequisite: 211b or consent of instructor.

**431-4 Psychopathology.** Classification, description, etiology and treatment of the disorders of personality organization and behavioral integration. Observations in a state mental hospital. Prerequisite: 305 or consent of instructor.

**440-4 Theories of Personality.** A review and critical evaluation of major personality theories and their supporting evidence. Prerequisite: 305 or consent of instructor.

**451-4 Advanced Child Psychology.** An examination of the concepts, methods, and problems of human development with consideration of both its psychological and psychosocial aspects. Prerequisite: 211b, and 301, or consent of instructor.

**459-4 Theory and Practice in the Preschool.** Designed for those in nursery education and related fields. Examines variety of topics and provides lectures, demonstrations, and practicum experience in the Child Study Cooperative Nursery. Prerequisite: consent of instructor.

**461-4 Advanced Social Psychology.** Examines current areas of interest in the study of social behavior: language behavior, communication, social influence, attitude change, interpersonal perception, etc. Emphasis is on the individual in the social context. Prerequisite: 307 or consent of instructor.

**465-4 Group Dynamics and Individual Behavior.** Examination of research and theory in the area of small-group interaction. Examines such topics as group structure and function, group problem-solving, leadership, etc. Prerequisite: 307 or consent of instructor.

**467-4 Psychology of Black Americans.** Critical examination of the issues in research and theory. Psychological differences between Black and White Americans. Includes self-concept, personality and temperament, intellectual functioning, behavioral genetics, socialization practices, and intergroup and intragroup relations. Prerequisite: 307 and GSB 202.

**479-4 Animal Behavior.** (See Zoology 479.)

**490-1 to 16 Independent Projects.** Independent readings and projects in psychology. Prerequisite: consent of instructor.

**495-1 to 18 Seminar: Selected Topics.** Varied content. To be offered from time to time as need exists and as faculty interest and time permit. Prerequisite: consent of instructor.

**509-4 Instrumentation in Behavioral Science.** Study of methods of research instrumentation. Techniques of stimulation and of physiological and psychological response recording. Lecture and laboratory. Prerequisite: consent of instructor.

**510-4 History and Systems.** Study of the important antecedents of contemporary scientific psychology. Considers issues, conceptual developments, and research advances, and presents the major schools and systems. Prerequisite: consent of instructor.

**512-4 Sensory Processes.** A study of the structure and functions of the sense organs. Emphasis will be placed on the psychological data which describe the function of these organs. Lecture and laboratory. Prerequisite: consent of instructor.

**514-8 (4,4) Physiological Psychology.** Lecture and laboratory. May be taken in any sequence or one course only. (a) Anatomy and physiology of the nervous system reviewed. Emphasis on the relevance for psychology. Includes basic neuroanatomy and neurophysiology, sensory and motor physiology, clinical neurology and pathology, and methods of studying central nervous system



functioning. (b) The role of biological processes in the behavior of humans and animals. Includes sleeping, arousal and attention; ingestive behavior (hunger and thirst); sexual and social behavior; reinforcement, emotions, and mental disorders; and learning and memory. Prerequisite: a, consent of instructor or b; b, consent of instructor or a.

**516-4 Learning Processes.** Processes by which individual behavior is changed, using procedures developed in the learning laboratory. Introduction to major concepts and data of learning. Prerequisite: consent of instructor.

**522-12 (4,4,4) Research Design and Inference.** A relatively detailed treatment of the rationale behind quantitative methods for psychological research. (a) Use of Bayesian probability theory in the evaluation of experimental data; (b) estimation, hypothesis testing and decision making; (c) design of experiments and analysis of variance. Must be taken in a,b,c sequence. Prerequisite: Mathematics 111b or consent of instructor.

**523-2 Research Seminar. Evaluation of Research.** A study of principles of research design from the point of view of the scholar reading the journals. Prerequisite: 522c or Guidance 507.

**524-4 Multivariate Methods in Psychology.** A detailed coverage of psychometric methods, with special emphasis on the theory and applications of multivariate regression analysis. Includes an introduction to factor analysis. Prerequisite: 522c or Guidance 507.

**525-4 Mental Test Theory.** Derivation of the basic psychometric equations, effects of test length and group heterogeneity on test parameters, criteria of parallel tests, weighting and differential prediction. Prerequisite: 522c or Guidance 507.

**526-4 Experimental Design in Psychology.** Consideration of the logic of psychological experimentation. Topics include randomization as related to experimental inference, complex designs used in experimental psychology, the use of concomitant information in experiments, faults and refinements in common psychological designs. Prerequisite: 522c.

**530-4 Personality Theory and Dynamics.** Intensive treatment and critical analysis of several representative approaches to personality. Consideration also of important personality concepts common to most theoretical approaches. Prerequisite: consent of instructor.

**531-8 Advanced Psychopathology.** Consideration of special topics, including psychological theories of the nature and etiology of human pathology, assessment of pathology, and institutional care and treatment. Includes extensive field experience in a mental hospital setting. Graded S/U only. Prerequisite: 530, 541, and consent of instructor.

**532-2 Experimental Approaches to Personality.** Presentation of conceptual formulations and research data from representative experimental approaches to personality. Critical evaluation of methodological approaches to personality study. Prerequisite: 530 or consent of instructor.

**533-3 Experimental Approaches to Psychopathology.** An examination of the research literature on several issues in clinical psychopathology. Prerequisite: consent of instructor.

**536-4 Fundamentals of Counseling.** Introduction to the common assumptions, dimensions, and communicative skills underlying psychological counseling. Observation utilized to supplement didactic discussion. Lecture and demonstration. Prerequisite: consent of instructor.

**537-4 Counseling and Psychotherapy.** Systematic presentation of major approaches to counseling and psychotherapy. Consideration of salient aspects of the therapeutic situation and of the process and nature of changes during psychotherapy. Critical evaluation of both theory and practice. Consideration of research findings and problems. Prerequisite: 530 and consent of instructor.

**538-2 Group Psychotherapy.** Presentation of major approaches to group psychotherapy. Prerequisites: 537 and consent of instructor.

**539-4 Experimental Approaches to Psychotherapy.** A review and evaluation of empirical research related to the amelioration of maladjustment. Emphasis is on measurement and methodological problems. Prerequisite: 536, 537, or consent of instructor.

**541-4 Psychodiagnostics I.** Introduction to clinical psychology with attention to the function and clinical use of individual intelligence tests. Theories of intelligence and related research. Age scales with emphasis on infant and child testing. Point scales and tests of deterioration with emphasis on child and adult testing. Lecture and practicum. Prerequisites: consent of instructor.



**543-6 (4,2) Psychodiagnostics II.** Basic theory and assumptions underlying projective methods. Use of projective techniques as measures of personality and as tools for clinical diagnosis and research. (a) Thematic projective techniques. (b) Rorschach and Bender-Gestalt. Lecture and practicum. Prerequisite: 541 or consent of instructor.

**545-2 Psychodiagnostics III.** Nature and theory of questionnaires for personality assessment and psychodiagnosis. Consideration of their use in clinical research. Lecture and practicum. Prerequisite: consent of instructor.

**547-4 Assessment Procedures in Counseling.** Use and integration of psychological test data, vocational, socio-economic, and educational information in assessment and counseling. Prerequisite: 421 or consent of instructor.

**552-4 Experimental Child Psychology.** Consideration of relationship of methodology to child theory, typical methodological procedures and problems specific to children, and representative research topics. Prerequisite: 451 or consent of instructor.

**554-2 Developmental Theory.** Systematic study and critical evaluation of theories of child behavior. Prerequisite: 451 or consent of instructor.

**556-2 Psychological Treatment of the Child.** Investigation of personality and behavior problems. Etiological factors and methods of treatment. Prerequisite: 451 or consent of instructor.

**561-4 Social Influence Processes.** Critical review of theoretical and empirical developments in the study of influence processes, attitude change, etc. Social and intrapersonal determinants are examined. Prerequisite: 461 or consent of instructor.

**562-4 Observational Techniques and Content Analysis.** Examination and evaluation of research methods and measurement techniques utilized in social psychology. Prerequisite: 461 or consent of instructor.

**564-4 Communication and Group Behavior.** Emphasis in this course is on language behavior and the psychological study of the communication process. Examines theories, methods and research in these areas. Prerequisite: 461 or consent of instructor.

**571-4 Industrial Motivation and Morale.** A review of the factors which determine motivation and morale as well as their measurement and evaluation. Prerequisite: 320 or consent of instructor.

**573-2 Selection and Placement.** Selection and validation of test batteries, use of the interview and personal history data in selection, quota, and classification problems, administration of a selection program. Prerequisite: 524 or consent of instructor.

**574-2 Psychology of Industrial Relations.** Analysis of psychological factors involved in industrial organization, employer-employee relations, and union-management relations. Prerequisite: 571 or consent of instructor.

**576-2 to 4 Human Engineering.** Analysis of man-machine systems, human factors in the design of display and control systems, limitations and capabilities of the operator. Prerequisite: 512, 581, or consent of instructor.

**581-4 Psychophysical Methods.** Survey of the major psychophysical methods and their applications. Lecture and laboratory. Prerequisite: consent of instructor.

**590-1 to 16 Readings in Psychology.** Readings in selected topics in psychology under staff supervision. Graded S/U only. Prerequisite: consent of chairman.

**591-1 to 36 Research in Psychology.** Research under staff supervision in selected areas of psychology. Graded S/U only. Prerequisite: consent of the chairman.

**593-1 to 18 Practicum in Psychology.** Practicum experience in a professional setting is offered under staff supervision in the following areas: (e) Clinical Psychology, (f) Counseling Psychology, (h) Industrial Psychology, (j) Child Psychology, (l) Teaching of Psychology. Graded S/U only. Prerequisite: consent of instructor.

**595-1 to 18 Advanced Seminar.** Seminars of varied content for advanced students. Prerequisite: consent of chairman.

**598-2 Ethical and Professional Problems in Psychology.** Problems in the professional practice of psychology and in teaching and research. Professional ethics, relations to other professions and the public, organization and structure of the field, current trends. Prerequisite: major in psychology or consent of instructor.

**599-1 to 9 Thesis.**

**600-1 to 45 Dissertation.**



### Radio-Television

There is no graduate degree program offered through the Department of Radio and Television. Four hundred level courses may be taken for graduate credit, however, unless otherwise indicated in the courses description.

**430-3 Public Affairs and the Radio-TV Establishment.** Interdisciplinary examination of selected current major public issues and study of broadcast management's responses to those issues. Operational organization and reorganization, policy development, and procurement and allocation of personnel and other resources as responses to the developing public affairs commitment. Prerequisite: C grade in 300M, 300P, 300S.

**453-3 Radio and Television in Education.** The history and role of radio and television in education. Philosophies for education by radio and television. Analysis of types of educational broadcasting, including in-school broadcasting, adult education, and service programs. Prerequisites: C grade in 300M, 300P, 300S.

**464-3 Instruments of Public Affairs, Television Programming.** Study and practice of sophisticated film and studio tools and techniques necessary for creation of public affairs television programming. Prerequisite: C grade in 300M, 300P, 300S.

**467-3 Radio-Television Production Survey.** General survey of production problems in radio and television, including problems of writing, announcing, production, direction, sales and management. For non-majors only.

**470-4 Documentary Film Production.** For the student with a serious interest in the television documentary. Students work in teams researching, writing, shooting, and editing films on subjects related to history, culture, and social issues. Prerequisite: C grade in 300M, 300P, 300S; 370 or Cinema and Photography 355. Mandatory Pass/Fail.

**475-1 to 8 Individual Study.** May be repeated for a total of 8 hours, but for no more than 4 hours in one quarter. Assignments made through consultation with radio-television instructors. Prerequisite: C grade in 300M, 300P, 300S and consent.

**481-4 ITV Administration, Production, Utilization.** Development of ITV production with emphasis on the use of instructional objectives, the relationship of the users' manual to the instructional series, and the functions of various personnel in the administration of instructional television. Prerequisites: C grade in 300M, 300P, 300S.

**490-8 Theatre-Television Workshop.** (Same as Theater 490.) Experimental workshop in television drama. Laboratory hours required. Offered summers only. Limited to six students from each department. Prerequisites: C grade in 300M, 300P, 300S; 303, 387 and consent. Mandatory Pass/Fail.

### Recreation and Outdoor Education

Courses in this department may require the purchase of supplemental materials. Field trips are required for certain courses.

**425-4 Areas and Facilities.** All phases of principles, development, maintenance and construction of areas and facilities used in a recreation setting. Stress is put on selection and supervision of maintenance personnel. There is a maximum fee of \$5.00 for course materials in lieu of textbook. Prerequisite: 305.

**450-4 Performing Arts in Recreation and Education.** Principles, materials, and techniques of producing all types of drama, music, and dance activities for a variety of recreation and education settings and population groups.

**470-4 School and Community Recreation.** The role of the public schools in community recreation. Emphasis on current practices and trends in curriculum content, adult education, extracurricular activities, after-school and vacation programs, and cooperative programs with other agencies.

**480-2 to 16 Practicum in Outdoor Education.** A supervised experience in a professional setting. Emphasis on administrative, supervisory, teaching and program leadership in an outdoor, conservation, or environmental education setting. Prerequisite: consent of instructor.

**490-8 to 16 Internship in Recreation.** Supervised experience in a professional setting. Emphasis on administrative, supervisory, teaching and program leader-

ship in schools, community, industrial, commercial, agency, park, institutional and other recreation situations. Prerequisite: 20 hrs. in recreation.

**500-4 Principles of Recreation.** Principles and interpretations of recreation and the basic concepts underlying the organization of leisure activity. Emphasis on cultural significance of recreation and the relationship of recreation to the totality of life.

**510-4 Outdoor Education Workshop.** Leadership development for outdoor education and its place in the school program. Methods of utilization of natural and cultural resources for enrichment of the school curriculum.

**520-4 Recreation Administration Workshop.** Bases for planning community programs in recreation. Administrative problems including legislation, finance and budget, office management, public relations, and personnel are considered through application of principles.

**525-4 Special Population Workshop.** Basis for planning, organization, selection, evaluation, and adaption of activities to a variety of institutional and community recreation settings.

**530-4 Recreation Program Workshop.** Program planning, organization, and implementation of comprehensive leisure time programs in public and private recreation settings, emphasis on application of basic program principles to practice. Prerequisite: 500.

**540-4 Planning Outdoor Areas for Education and Recreation.** Scope, content, objectives, procedures, and types of recreation surveys and appraisals. Practical experience with the master plan. Prerequisite: 500.

**560-4 Seminar in Environmental and Outdoor Education.** Discussion of individual projects, presentation of research problems and dissertation topics. Prerequisite: consent of instructor.

**570-4 Seminar in Leisure and Recreation.** Designed to develop the students' ability to design, conduct, analyze, and interpret research related to the problems of leisure. Problems involved in outdoor recreation, community recreation, agency and church recreation, commercial recreation and recreation for special populations will be discussed. Current economic and social changes will be examined to determine the effect they have upon the recreation profession. One or more field trips may be required. Prerequisite: 500.

**596-2 to 9 Independent Study.** Independent study and research in the student's field of interest.

**599-5 to 9 Thesis.** Prerequisite: consent of chairman.

## Rehabilitation

Courses in this unit may require purchase of additional learning aids.

**414-1 to 16 Developing Employment Opportunities.** Designed to train rehabilitation personnel in the attitudes, methods and skills pertinent to placement of handicapped persons in competitive and other occupations. Prerequisites: special standing and consent of instructor.

**417-4 Rehabilitation of the Economically Deprived.** Analysis of employment problems of the economically deprived with attention to training, counseling, and programs for rehabilitation.

**420-3 to 4 Human Development and Behavior.** Consideration of human development from the framework of the major theories, to include acquisition and maintenance of diverse behavior patterns. Prerequisite: advanced standing.

**480-2 to 4 An Introduction to Rehabilitation.** Philosophy, procedures, and practices underlying the rehabilitation movement, including the historical, social cultural, and economic factors and recent legislation that have contributed to its rapid development.

**481-2 An Introduction to Employment and Developmental Services.** A review of the development and growth of employment services and special youth centers, current social needs and trends, and the organizational patterns in such centers.

**485-4 Scientific Methods in the Behavioral Sciences.** Scientific methods as an approach to the investigation of human behavior including consideration of various systems of behavior theory and practice.

**486-4 Introduction to Behavior Modification.** Overview of the field of behavior modification, its procedures, techniques, and methods. A survey of current literature examining the various populations being utilized.

**490-1 to 6 Readings in Rehabilitation.** Select readings supervised by the staff. Prerequisite: consent of instructor.



**501-6 (2,2,2) Rehabilitation Administration.** (a) Programming and organizational structures, formal and informal, of public and voluntary agencies and facilities. (b) Current and progressive supervisory practices in rehabilitation agencies, communication channels, employee counseling and evaluation methods. (c) Developing community resources, involvement and utilization of public and voluntary agencies in developing a comprehensive rehabilitation program. Prerequisite: consent of instructor.

**503-2 Case Management in Rehabilitation.** Basic procedures in providing and coordinating available services for the handicapped in the context of a professional-client relationship. Prerequisite: consent of instructor.

**511-2 to 4 Vocational Development and Occupational Choice.** The psychosocial meaning of work, vocational development and theory of occupational choice, and the analysis of the labor market now and in the future. Prerequisite: consent of instructor.

**519-2 to 3 Selection, Placement, and Follow-up.** A survey of current methods and criteria used in job development, selective placement, and follow-up of handicapped and deprived individuals. Prerequisite: consent of instructor.

**520-4 Functional Analysis of Behavior.** Analysis of operant and respondent behavior with emphasis on the contribution of infrahuman investigations to the understanding of human behavior. Laboratory required. Prerequisite: consent of instructor.

**521-4 Child Behavior.** Systematic examination of the manner in which children (from conception on) acquire and maintain their behavior patterns and the role of the environment in controlling such development. Prerequisite: consent of instructor.

**526-4 Complex Human Behavior.** The manner in which humans acquire, maintain, and attenuate the more complex forms of behavior, particularly in the social, vocational, and educational areas of behavior. Prerequisite: consent of instructor.

**531-2 to 4 Vocational Appraisal.** Consideration of tests and procedures used in assessing the individual's functioning abilities and the meaning work has in achieving fulfillment, which also includes the requirements of the job for purposes of aligning the two. Prerequisite: 511 or consent of instructor.

**532-3 to 4 Assessment Procedures in Rehabilitation.** A general review of the fundamental bases of measurement, the criteria for selecting assessment devices, introduction to select standardized and time-sample instruments, and the use of these in rehabilitation. Prerequisite: consent of instructor.

**533-4 Measurement in Behavior Change.** Dividing the types of measurement into two categories, direct and indirect, an analysis of the relative advantages or disadvantages inherent in each technique when applied to specific behavior areas. Prerequisites: consent of instructor.

**535-4 Schedules of Reinforcement.** A study of schedules as a basis for understanding and controlling behavior, and the nature of schedule effects in relation to other behavioral variables. Prerequisite: consent of instructor.

**536-4 Individual Assessment in Rehabilitation.** Theoretical aspects of measuring instruments for individual assessment in rehabilitation. Includes problems in administration and interpretation. Field and laboratory experiences included. Prerequisite: 532 and consent of instructor.

**537-4 Diagnostic Procedures for Special Populations.** A detailed survey of the procedures in diagnosis and assessment of the retarded, blind, deaf, brain injured, and others. May include some laboratory assignments. Prerequisites: 532 and consent of instructor.

**539-1 to 6 Behavioral Programming.** Application of the technologies related to the arrangement of behavioral programs. Laboratory required. Prerequisite: consent of instructor.

**541-1 to 6 Medical Aspects of Rehabilitation.** A review of human systems, disfunctions leading to major diseases entities and injuries, and the implications for rehabilitation. Prerequisite: consent of instructor.

**543-4 Structural Basis of Behavior.** Structural basis of the respondent and operant behavior systems and their relationship to environmental variables effecting both systems. Prerequisite: consent of instructor.

**551-3 to 4 General Rehabilitation Counseling.** An overview of the basic counseling processes appropriate to rehabilitation settings. Includes consideration of the stylistic and interpersonal factors common to various persuasions. Prerequisite: consent of department.

**552-4 Rehabilitation Counseling Research.** An intensive study of the heuristic



- aspects of theory and the resultant research in rehabilitation counseling. Also develops researchable problems. Prerequisite: 551.
- 555-2 Rehabilitation Counseling with the Mentally Retarded.** Review and discussion of the philosophy, issues, approaches, and research pertinent to the counseling function in the development of the retarded. Prerequisite: 551 or concurrent registration.
- 556-2 to 4 Group Procedures in Rehabilitation.** Characteristics of intensive group experiences, and procedures in preparation for group counseling. Prerequisites: 551.
- 558-4 Programmed Instruction and Behavior.** Techniques and procedure in programming material for rapid acquisition of new behavior with particular emphasis on automated instruction and programmed texts. Prerequisite: consent of instructor.
- 561-2 to 3 Psycho-Social Aspects of Disability.** An examination of the socio-emotional impact of traumatic injury or chronic illness (on human functioning) and its role in the rehabilitation process. Prerequisites: consent of instructor.
- 563-4 to 8 Aversive Control and Aggressive Behavior.** Methods of aversive control and negative reinforcement procedures. A review of the aggressive response as a consequence of aversive control. Prerequisite: consent of instructor.
- 564-4 Sexual Behavior.** The definition and measurement of sexual responses, their significance and importance, for understanding complex behavior patterns. Prerequisites: consent of instructor.
- 565-4 Verbal Behavior.** Theoretical and empirical study of human verbal behavior. Emphasis on the environmental control of such behavior. Analysis of procedures used to modify deviant and retarded verbal responses. Prerequisite: consent of instructor.
- 567-4 School-Related Behavior.** An intensive analysis of the students' and teachers' behavior, its functional relationship, and the ways in which behavior modification techniques might create a more satisfactory environment for teaching and learning. Prerequisites: consent of instructor.
- 571-1 to 6 Seminar in Selected Topics.** Selected topics of pertinence to rehabilitation and counseling personnel. Prerequisite: consent of department.
- 574-1 to 12, Seminar in Pastoral Counseling.** Aspects of counseling and the helping relation that are relevant in pastoral settings. Includes the special problems involved in pastoral counseling. Prerequisite: consent of instructor.
- 576-1 to 12 Seminar in Behavior Modification.** Basic issues involved in the modification of human behavior in the applied areas—scientific, methodological, ethical and social issues will be evaluated. Prerequisite: consent of instructor.
- 578-1 to 6 Seminar in Correctional Rehabilitation Counseling.** (Same as Administration of Justice 578.) Review of major issues and research relative to rehabilitation practices in youth and correctional settings. Prerequisite: consent of instructor.
- 585-1 to 48 (1 to 12, 1 to 12, 1 to 24) Practicum in Rehabilitation.** (a) Practice in various facilities and agencies including supervised experiences in the function and administration of these services. (b) Application of behavioral methods with humans under close direction of supervisory staff. (c) Practice in developing counseling skills with individuals and groups in varied settings. Prerequisite: consent of instructor.
- 589-0 to 12 Internship in Rehabilitation.** Full-time practice in a rehabilitation setting supervised by both agency personnel and university faculty. Prerequisites: 585 and consent of department. Graded S/U only.
- 590-1 to 16 Independent Projects.** Independent development of projects and systematic readings in pertinent rehabilitation areas. Prerequisite: consent of instructor.
- 591-1 to 16 Research in Rehabilitation.** Systematic research on factors and procedures relevant to rehabilitation. Prerequisite: consent of instructor.
- 599-1 to 9 Thesis.** Prerequisite: consent of instructor.

## Secondary Education

**402-4 Aerospace Education Workshop.** Teachers learn about current developments in this area and how to incorporate aerospace information into existing curricula. They study in some detail the social, political, and economic consequences of this era.



**407-8 (4,4) The Middle and Junior High School.** (a) Organization, administration, and curriculum. (b) Workshop. Enables teachers to discover and evaluate new content, methods, and materials available and develops teacher-made functional instructional models. Must be taken in a,b sequence. Middle or junior high school teaching experience may be substituted for (a) as a prerequisite to (b). Prerequisite: 310.

**485-3 Principles and Philosophies of Vocational and Technical Education.** (See Occupational Education 485.)

**487-4 Teaching the Natural Sciences in Secondary Schools.** Objectives of science education; instruction methods and techniques appropriate for teaching science; desirable equipment, audio-visual aids, and instructional material; development of a course outline and at least one instruction unit. Prerequisite: 310 or concurrent.

**488-4 Teaching Social Studies in Secondary Schools.** Objectives, scope and sequence of curriculum, methods of teaching different courses and age groups, materials and evaluation. Prerequisite: 310 or concurrent.

**490-4 Workshop in Economics Education.** (Same as Economics 490.) Designed to assist elementary and secondary school teachers in promoting economic understanding through the translation of economic principles and problems into classroom teaching materials.

**495-2-4 Seminar: Problems Related to Teaching Disadvantaged Youth.** For members of the National Teachers Corps and others working in classrooms with disadvantaged youth. Emphasis placed upon actual problems encountered by those enrolled. Reports and discussion based upon surveys and reading will be featured. Prerequisite: 310.

**498-2 to 6 Field Study Abroad.** Orientation and study before travel, readings, reports, and planned travel. Includes visits to cultural and educational institutions. Prerequisite: consent of instructor.

**506-4 Reading in the Secondary School.** For junior and senior high school teachers who desire a foundation in reading. Emphasis placed on the basic skills, appraisal of reading abilities, materials of instruction, and methods of teaching reading in the content areas. Prerequisite: 352 or teaching experience.

**507-2 to 4 Readings in Reading.** Independent reading; acquaintanceship with the literature and research in reading. Conference periods. Prerequisite: consent of instructor.

**508-4 Current Developments in Selected Subject Areas in Secondary Schools.** Problems, issues, and trends in the subject areas of the secondary school.

**509-4 to 8 Practicum in Reading.** For advanced students; teaching demonstrations and evaluations. Each student works with a group of reading disability cases. Prerequisites: 521a,b,c.

**510-4 to 8 Seminar: Problems in Reading.** Major field content seminar: Problems and practices; comprehensive review and evaluation of research and literature. Each student pursues a problem of his own interest. Prerequisite: consent of instructor.

**514-4 Organization and Administration of Reading Programs.** For reading specialists, principals, supervisors, consultants. Recent trends in elementary and high school reading programs, providing reading instruction for total school population, materials and equipment, in-service training, role of the reading specialist. Problems of class members are studied and discussed.

**516-4 to 12 Internship in Reading.** Culminating experience for doctoral candidates. Each student supervises reading services in his own or cooperating school. Conference periods. Prerequisites: 521a,b,c, and consent of instructor.

**518-4 Supervision of Professional Education Experiences.** The role and responsibility of the cooperating public school teacher in the supervision of teacher education students involved in various field experiences. Attention is given to the joint responsibilities of the University and the public school in this cooperative venture. A course for present and prospective teachers who wish to effectively deal with students in the various professional education experiences.

**521-12 (4,4,4) Diagnosis and Correction of Reading Disabilities.** Causes of reading difficulties; observation and interview procedures; standardized tests, instruments, and informal inventories; analysis techniques; experiences in preparing materials for corrective purposes. Each student diagnoses and treats a reading disability case under supervision.

**560-2 to 12 New Developments in Occupational Education.** (See Occupational Education.)



- 561-4 Curriculum.** (Same as Educational Administration and Foundations 560.) Modern practices and procedures in curriculum development, with attention to the professional, social, economic, and other major factors in curriculum planning.
- 562-4 Secondary School Curriculum.** Developments in secondary education. Bases of the curriculum of the secondary school.
- 564-4 Secondary School Principalship.** (See Educational Administration and Foundations 564.)
- 566-4 Seminar in Instruction.** Study and discussion of problems of instruction with attention to experimentation. Prerequisite: consent of instructor.
- 570-4 Student Activities.** Activities of secondary school students. Includes student movements and mores.
- 571-4 Seminar in Curriculum.** Current curriculum issues. Emphasizes the process of curriculum development, evaluation, and implementation in the public school setting. Limited to doctoral students. Prerequisite: 562, Elementary Education 561, or equivalent.
- 572-4 Seminar: Research and Evaluation in Secondary Education.** Critical analysis of evaluation techniques and significant research in organization, learning, teaching, and curriculum in secondary education. Prerequisite: advanced standing and consent of instructor.
- 575-2 to 4 Individual Research.** The selection, investigation, and writing of a research topic, under the personal supervision of a member of the departmental graduate staff, in one of the following areas: (a) Curriculum, (b) Supervision, (c) Language Arts, (d) Science, (e) Reading, (f) Social Studies, (g) Problems in secondary education. (h) Individual research—junior high school methods.
- 588-4 Social Studies Education in the Secondary School Curriculum.** Evaluation of the current professional literature in the curriculum and teaching of secondary school social studies. For improving classroom teaching practices, curriculum design, and in-service programs. Prerequisite: 488 or equivalent.
- 591-4 Workshop in Secondary Education.** Designed primarily to help high school principals to work effectively and with the help of resource leadership on the most urgent problems confronting their schools. Prerequisite: consent of instructor.
- 596-5 to 9 Independent Investigation.** A field study required of each student working for the sixth-year professional certificate. The work should be done in the setting of a school system where the student is employed or where full cooperation is extended. Involves selecting a problem, survey of pertinent literature, recording of results, and appropriate interpretations and summarizations.
- 597-4 Seminar in Proposal Development.** For doctoral students. Student prepares proposal for a doctoral level study in the area of Curriculum and Instruction. Provides an opportunity for students to interact in the process of designing, evaluating, and implementing educational studies.
- 598-2 to 12 Practicum.** Experience in curriculum construction, evaluation, and implementation. Students placed in local, state, or federal educational institutions and organizations under supervision of a number of the departmental graduate staff and a member of the cooperating institution. Not a substitute for student teaching. Prerequisite: consent of department.
- 599-3 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.
- 600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Secretarial and Business Education

- 409-4 Teaching Distributive Education.** For those who plan to become teacher-coordinators of vocational cooperative or in-school distributive education programs. Emphasis on the planning of facilities; selection and review of course content; preparation of instructional materials; organization and arrangement of units; related instruction; simulated block and project plans; and student evaluation. Prerequisite: Marketing 301.
- 410-4 Teaching Consumer Education.** For teaching in secondary schools and junior colleges. Emphasis on meeting state requirements for teachers of consumer education in Illinois. Selection and study of course content; preparation of instructional materials; organization and arrangement of units of study; and planning an evaluation program. Prerequisite: GSB 346, or Finance 305, or equivalent.



**411-1 to 6 Workshop in Business Education.** Major issues in business teacher education. Offered during one or two weeks of the summer session. Prerequisite: senior standing.

**412-4 Teaching Data Processing.** Instructional methods and materials for and the evaluation of pupil progress in data processing. Prerequisite: 317 or Data Processing 101a.

**414-6 (3,3) Organization and Administration of Project Plan and Cooperative Vocational Business Education Programs.** (a) Philosophy and objectives of cooperative vocational programs, methods of selecting students' work stations, and placing and coordinating students in supervised cooperative work stations. (b) Preparation of instructional materials, job analysis, conducting related information classes, evaluating workers and work stations, advisory committees, public relations aspects of cooperative programs. Prerequisite: consent of instructor.

**415-6 Supervised Business Experience and Related Study.** Prepares teachers and coordinators in accordance with the requirements of the Illinois State plan for the administration of vocational education. Principles and problems of coordinating in-school or cooperative vocational business education programs; supervised occupational experience; classroom analysis and evaluation of on-the-job experiences of the members of the class in relation to their future work as coordinators and vocational teachers. Prerequisite: consent of instructor.

**426-4 Office Management.** Principles of management applied to office problems. Emphasis on the role of the office in business management; office organization; physical facilities and layout of office; office services, procedures, standards, and controls; and records management.

**427-4 Records Administration.** The value of records, their creation, control, retention, and disposition. Application of principles to such records as medical, legal, educational, industrial, and governmental.

**485-3 Principles and Philosophies of Vocational and Technical Education.** (See Occupational Education 485.)

**502-4 Research in Business Education.** A study of research findings and techniques as exhibited in representative investigations in business education. Emphasis on reading and interpreting research, using research findings in solving instructional problems, and uncovering potential topics for future research.

**503-4 Tests and Measurements in Business Education.** The selection, construction, administration, and interpretation of tests and test scores in business education subjects. Principal emphasis on teacher-made tests, especially of the performance type, with secondary attention to published tests in the field. Prerequisite: Guidance 422a or Mathematics 410a.

**508-4 Administration and Supervision in Business Education.** History and philosophy of administration and supervision in Business Education with consideration of problems arising at local, state, and national levels; and at secondary, college, and university levels. Supervisory problems will include curriculum construction and evaluation, classroom supervision, promotional policies, selection of textbooks, purchase and maintenance of equipment, physical arrangements, and other areas according to need of students.

**509-4 Improvement of Instruction in General (Basic) Business Subjects.** Designed for the experienced high school teacher who is interested in the study of curriculum and teaching problems in basic business subjects. The course will include teaching procedures, review of materials, formulation of tests and evaluation. The organization of teaching units and projects will be emphasized.

**510-4 Improvement of Instruction in Secretarial Subjects.** Designed for the experienced high school teacher who is interested in the study of curriculum and teaching problems in secretarial subjects. The course will include teaching procedures, review of materials, formulation of tests and evaluation. Prerequisite: 403 or 404 or 406.

**525-4 Cooperative Vocational-Technical Education.** (See Occupational Education 525.)

**590-1 to 5 Readings in Business Education.** Supervised readings in selected subjects. Prerequisite: consent of instructor.

**591-2 to 5 Individual Research in Business Education.** Selection and investigation of a problem, use of relevant sources and techniques, collection, evaluation, and interpretation of data; and the writing of a report on the investigation. Prerequisite: consent of instructor.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.



## Social Welfare

There is no graduate degree program offered through Social Welfare. Four hundred level courses in this unit may be taken for graduate credit, however, unless otherwise indicated in the course description.

**460-4 Methods of Social Research.** Principles and methods of scientific inquiry applied to social work research and practice. Required for undergraduates. Not for graduate credit. Prerequisite: statistics.

**482-8 Social Work in Selected Agencies.** At least 16 hours per week of supervised experience in a social agency with concurrent weekly seminar. Not for graduate credit. Prerequisite: 481 and consent of instructor.

**483-8 Advanced Field Practicum.** Supervised field work experience in a social agency with concurrent weekly seminar. Sixteen hours per week. Not for graduate credit. Elective for undergraduates. Prerequisite: 482 and consent of instructor.

**485-4 Integrative Methods in Social Work.** A team-teaching seminar approach to exploring the interrelationship of casework, groupwork, and community work in synthesizing a "gestalt" impact on intervention and problem-solving techniques. Not for graduate credit. Prerequisite: 481, 482.

**491-3 Comparative Social Welfare Systems.** An examination of social welfare policies and practices in other countries and by international organizations. Prerequisite: 375.

## Sociology

**406-4 Social Change.** Processes of social change in the modern world; culture lag and conflict of norms; individual and social problems arising from conflicting systems of social values and cultural norms. Prerequisite: two sociology courses or consent of instructor.

**412-4 Sociological Research.** Application of the scientific method to sociological problems. The role of theory. Principles of good research design, measurement, sampling and analysis. Prerequisite: graduate status or consent of instructor.

**415-3 Logic of the Social Sciences.** (See Philosophy 415.)

**424-4 Collective Behavior.** The behavior of people in large groups; collective interstimulation and emotions; crowds, audiences, and publics; mass stimuli and mass response. Prerequisite: 321 or consent of instructor.

**426-4 Social Factors in Behavior and Personality.** How group situations and values affect behavior and shape personality; development of concepts, role-concepts, attitudes, values; theories of motivation; self-concepts; conflicting social values in relation to individual motivation. Prerequisite: 321 or Psychology 305, or consent of instructor.

**427-4 Personality and Social Adjustment.** Basic mechanisms of adjustive behavior; concepts and criteria of personal integration and social adjustment; varieties of adjustive and non-adjustive behavior; theories of personal organization and disorganization; selected problems. Prerequisite: 321 or Psychology 305 or consent of instructor.

**435-4 Social Stratification.** A comparative study of social class systems, with emphasis on the American systems. Relationships of class position to behavior in family, religion, politics, etc. Prerequisite: two sociology courses or consent of instructor.

**437-4 Sociology of Rural Development.** Development in the United States and other countries. Conceptions of "rural," "urban," "developed" and "underdeveloped" considered. Analytic frames of reference for treating these phenomena compared. Prerequisite: two sociology courses or consent of instructor.

**438-4 Sociology of Occupations and Professions.** Natural history and institutional aspects of occupations in our society, cultural context of occupations in both primitive and modern society, preparation for jobs, human values in work, promotion and discharge, mobility, retirement. Prerequisite: two sociology courses or consent of instructor.

**450-4 Social Thought Before 1800.** The ideological basis of Western society. The classical foundations. Trends of thought from the Renaissance to the Enlightenment. Prerequisite: two sociology courses or consent of instructor.



**451-4 Social Thought from Romanticism to Realism.** Rise and development of scientific social thought. Prerequisite: two sociology courses or consent of instructor.

**452-4 Black Social Thought.** Original works of black writers from the standpoint of problems and prospects of black people in America, and the social context in which these works developed. Relevance of these writings to understanding the current racial situation in the United States considered. Prerequisite: one sociology course and consent of instructor.

**453-4 Social Movements.** A sociological study of modern social movements; social and cultural backgrounds, forms of expression and organization; social structure of social movements, their role and function in modern society. Prerequisite: two sociology courses or consent of instructor.

**454-4 Sociology of Science.** Emphasis on the origins and growth of science in historical perspective, reciprocal relations between science and society in the twentieth century, science as a social system, differentiation within and relations between disciplines, and implications of the social organization of scientific research and finding. Prerequisite: two sociology courses or consent of instructor.

**460-4 Sociology of Medicine.** Man and his adaptation to illness, the sick role, the doctor patient relationship, the organization of medical care and health institutions in the United States, and the role of the sociologist in the health fields. Prerequisite: two sociology courses or consent of instructor.

**471-4 Principles of Demography.** Techniques in analyzing and evaluating data on human population; composition, birth and death rates, life tables, migration data, estimates of future trend. Practical uses of demographic techniques. Prerequisite: consent of instructor.

**472-4 The American Correctional System.** (See Administration of Justice 472.)

**473-4 Juvenile Delinquency.** (Same as Administration of Justice 473.) Nature of juvenile delinquency; relationship to theories of deviant behavior; efforts at prevention and control. Prerequisite: two sociology courses or consent of instructor.

**497-4 Senior Seminar.** Issues in sociology and the analysis of these issues. Prerequisite: senior standing with 20 hours in sociology or consent of instructor.

**498-8 (4,4) Individual Research.** With a faculty member the student arranges a research topic resulting in a paper or report. Prerequisite: senior standing with 20 hours of sociology and consent of instructor.

**499-4 Special Projects.** The class works in groups or in concert in the development and completion of a theoretical or applied project. Prerequisite: 308, 312, and senior standing with 20 hours of sociology or consent of instructor.

**501-4 Survey of Sociological Theory.** The development of sociology as a science of society, from synthetic philosophy to analytic sociology. Prerequisite: 451 or consent of instructor.

**502-4 Seminar in European Sociological Theory: 1800-1910.** The theoretical systems of selected European sociologists studied from the original writings. Prerequisite: 15 hours of sociology or consent of instructor.

**503-4 Seminar in European Sociological Theory: 1910 to the Present.** A Continuation of 502. Prerequisite: 15 hours of sociology or consent of instructor.

**504-4 Seminar in American Sociology.** A survey of development of American sociology from its beginnings in the late 19th century to the present. Prerequisite: 501 or consent of instructor.

**506-4 Seminar in Contemporary Sociological Theory.** An analysis of recent sociological theories, including a survey of current approaches to the construction and application of systematic theoretical models. Special attention will be given to "structural-functional" analysis and to the theoretical adequacy of selected theory-oriented empirical research areas. Prerequisite: 15 hours of sociology or consent of instructor.

**512-6 to 7 (4,2 to 3) Sociological Research.** (a) Application of the scientific method to sociological problems. The role of theory. Principles of good research design, measurement, sampling and analysis. (b) Under guidance of instructor, students conduct a sociological research project. Must be taken in a,b sequence.

**519-4 Methodological Foundations of the Social Sciences.** Social science methodology; the nature of social facts and phenomena, the formation of concepts, the application of logic in the social sciences. Prerequisites: Philosophy 420 or consent of instructor.

**521-4 Seminar in Social Psychology.** Survey of theoretical systems; progress toward integrated body of behavioral theory. Prerequisite: 426.



**522-4 The Sociology of Small Groups.** The study of the small group as a small-scale social system. The interrelationship between selected patterned properties of groups such as interaction, emotion, norms, beliefs, values, and myths as the group encounters and attempts to deal with basic problems of group development. Prerequisite: 426 or consent of instructor.

**526-12 (4,4,4) Quantitative Methods in Sociology.** (a) Linear causal models as a tool in theory and research. Central tendency, variation, covariation, and correlation. Bivariate and multivariate regression models. Path analysis and related techniques. (b) Problems of Measurement. Bivariate and multivariate statistics for nominal and ordinal measures. Linear models of measurement error, reliability and validity. (c) Advanced application of linear models. Models of reciprocal causation feedback and control. The identification problem. Must be taken in a,b,c sequence.

**529-4 Sampling and Inference in Social Research.** Sampling designs. Sampling distributions. Point and interval estimation. Hypothesis testing: Parametric and nonparametric approaches. Power and efficiency of statistical tests.

**530-2 to 4 Selected Topics in Social Research.** Problems of design, execution, and analysis of social research. Content varies with interests of instructor and student. May be repeated. Prerequisite: consent of instructor.

**532-4 Urban Social Structure.** Theories of urban social structure and change, with emphasis on the comparative analysis of ecological and normative processes of integration and disintegration in modern urban communities.

**533-4 Ecology of Human Communities.** Spatial and temporal organization of population and institutions with special reference to the organization of rural and metropolitan communities. Emphasis on basic research methods and current sources of data in respect to type, structure, and growth of the communities. Prerequisite: 15 hours of sociology or consent of instructor.

**534-4 Seminar in Intergroup Relations.** Cross-cultural study of inter-ethnic and inter-faith relations, with special attention to conflict, accommodation, acculturation and assimilation. Prerequisite: 15 hours of sociology or consent of instructor.

**537-4 Sociology of Law.** An analysis of the role of law in society. Special emphasis will be given to the relationships between law and social organization, social control, social value systems, and social change; consideration will be given to research in the field. Prerequisite: 15 hours of sociology or consent of instructor.

**538-4 Seminar in Industrial Sociology.** Selected aspects of industrial organization and related problems including such topics as: functional and dysfunctional deviations from ideal bureaucracy, promotion policies, labor relations, job aptitudes, job satisfactions, and public relations. Prerequisites: 15 hours of sociology or consent of instructor.

**539-4 Sociology of Bureaucracy.** Analysis of the structural characteristics and conditions for the emergence of bureaucratic and quasi-bureaucratic forms of organization. Attention to such problems as the bases of authority, stabilizing mechanisms, systems of formal and informal relations, rationality and paradox in bureaucratic organization; impact of bureaucratic organization upon character structure and its role in the formation of classes and elites. Prerequisites: 15 hours of sociology or consent of instructor.

**542-4 Seminar on the Family.** The family as a field of sociological study. Assessment of significant historical and contemporary writing. Prerequisite: 15 hours of sociology including 340, or consent of instructor.

**543-4 Seminar in Family Variability.** An analysis of the structure, organization and function of the family in several contemporary and primitive societies. Prerequisite: 15 hours of sociology including 340, or consent of instructor.

**544-4 Seminar in Family Research.** A detailed analysis of significant research in the field of the family. Special attention to methods employed as they relate to the specific problems investigated. Prerequisite: 15 hours of sociology including 340, or consent of instructor.

**545-4 The Family and Social Change.** The significant social factors responsible for changes in the family. Analysis of representative writings from several periods. Prerequisite: 15 hours of sociology including 340 or consent of instructor.

**551-4 Seminar in the Sociology of Religion.** Analysis of religion in complex societies with comparative consideration of archaic and traditional religious institutions. Emphasis on the problems of secularization, institutionalization, the sociology of knowledge, and social change. Prerequisite: consent of the instructor.



**561-4 Alcohol and Society.** Analysis of the determinants of ranges of variation in drinking patterns, normal or pathological, viewed cross-culturally and in the context of complex society. Special consideration will be given to the following: the ecology of drinking and alcoholism, drinking patterns and social structure, drinking centered subcultures and institutions, as well as to the genesis and patterning of deviant drinking (alcoholism), responsive movements and systems of control. Prerequisite: consent of instructor.

**562-4 Deviance and Disorganization.** Comparative study of the role of social, cultural, and psychological factors in the genesis of specific social pathologies exhibiting marked variation in group rates. Pathologies such as suicide, homicide, and alcoholism will be taken as illustrative. The strategic significance of the study of such phenomena for theories of social and personal disorganization will be considered in detail. Prerequisite: consent of instructor.

**563-4 Research Problems in Deviance and Disorganization.** For students who are concerned to develop viable research projects in the areas of social disorganization and deviant behavior. Students formulate and present original research prospectuses for critical evaluation. Consideration given to questions of theoretical relevance, research design, and appropriate techniques. Prerequisite: consent of instructor.

**564-4 Social Factors in Mental Disorders.** An examination of the role of social organization and structure in the emergence of mental disorders. Consideration given to pertinent theoretical and research contributions. Prerequisite: 15 hours of sociology or consent of instructor.

**566-4 Community Organization and Disorganization.** Nature of the community and community generating processes. Appraisal of consensus and allocation of power. Illustrative community case studies. Prerequisite: consent of instructor.

**572-4 Seminar in Criminology.** Critical study of important research and theoretical analyses. Prerequisite: consent of instructor.

**591-2 to 6 Individual Research.** Supervised research projects. Open only to graduate students with a major in sociology. Prerequisite: consent of instructor and chairman of department. Credit according to achievement.

**596-2 to 12 Readings in Sociology.** Supervised readings in selected subjects. Prerequisite: consent of instructor and chairman of department.

**599-2 to 9 Thesis.** Prerequisite: consent of chairman.

**600-1 to 48 Dissertation.** Prerequisite: consent of chairman.

### Special Education

**400-4 The Exceptional Child.** Physical, mental, emotional, and social traits of all types of exceptional children. Effects of handicaps in learning situations. Methods of differentiation and techniques for rehabilitation. Case studies, observations and field trips may be required. Prerequisite: Psychology 301 or 303 or consent of instructor.

**410a-4 Problems and Characteristics of the Behavior Disordered.** Diagnosis, screening, classroom management, placement considerations, goals, and the effective use of ancillary services for school children who are emotionally disturbed or socially maladjusted. Emphasis on the understanding of maladaptive behavior through principles of learning and behavior. Prerequisite: 400 or consent of instructor and department chairman.

**410b-4 Problems and Characteristics of the Mentally Retarded Child.** Emphasizes a developmental approach to understanding and dealing with children with low mental abilities. Considers historical, theoretical and practical factors pertinent to mental retardation. This course is prerequisite to special education student teaching. Prerequisite: 400 or consent of instructor and department chairman.

**410c-4 Problems and Characteristics of the Gifted Child.** Designed to help teachers in the identification of and programming for gifted and talented children. Prerequisite: Psychology 301 or 303 or consent of instructor.

**410e-4 Problems and Characteristics of Children with Specific Learning Disabilities.** Behavioral, emotional, physical, and learning characteristics of children with learning disabilities. Emphasis on receptive and expressive modalities for learning; theories dealing with etiology and treatment. Prerequisite: 400 and consent of instructor and department chairman.

**411-4 Assessment and Remediation of Learning Disabilities.** (Same as Guidance 411.) Theories of special tests and remedial programs designed for



children with specific learning disabilities of a perceptual or coordination nature and who may demonstrate related adjustment problems. Prerequisite: 400 and consent of instructor.

**413a-4 Directed Observation of Behaviorally Disordered.** Student observation and participation in group and individual work with behaviorally disordered children. Prerequisite: consent of instructor and department chairman.

**413b-4 Directed Observation of Mentally Retarded Children.** Student observation and participation in group and individual work with mentally retarded children. Prerequisite: 410b and a major in special education.

**420a-4 Methods and Materials for Teaching Behaviorally Disordered Children.** Offered in conjunction with practice teaching, dealing with methods and materials needed in teaching behaviorally disordered children. Prerequisite: 410a and consent of instructor and department chairman.

**420b-4 Methods and Materials for Teaching Mentally Retarded Children.** Primary emphasis on methods of teaching. Practical problems of grouping, behavior management, individualization, and the applicability of materials to dysfunctions are included. Minimum of one video-taping session and individualized tutoring is required of all participants. Prerequisite: taken quarter prior to student teaching and consent of instructor.

**420c-4 Methods and Materials for Teaching Children with Learning Disabilities.** Techniques for implementing educational therapy and remediation of children with learning disabilities. Emphasis on visual, auditory, tactile, and fine and gross motor problems. Prerequisite: 410e and consent of instructor and department chairman.

**428-4 Speech Correction for the Classroom Teacher.** (Same as Speech Pathology and Audiology 428.)

**496-2 to 8 Readings and Independent Study in Special Education.** Study of a highly specific problem area in the education of exceptional children. Open only to selected seniors and graduate students. Prerequisites: 400 and consent of staff and department chairman.

**501-8 (4,4) Special Research Problem.** (a) Research design and methodology in special education. (b) Development and performance of research study under direction. Prerequisite: consent of department.

**513-4 Organization, Administration, and Supervision of Special Classes.** Emphasis upon the functions, underlying principles, and cautions to be observed in the organization and administration of special classes. The selection and training of teachers, problems of supervision, special equipment, transportation, cooperating agencies, and legal aspects of the problem. Prerequisite: 400 and consent of instructor and department chairman.

**515-4 Itinerant Teaching of Exceptional Children.** Consultation and interviewing techniques for use with individual exceptional children, their parents, teachers and other school or agency personnel. Methods of individual and small group instruction. Emphasis on itinerant service for emotionally disturbed and hard-of-hearing children through separate concurrently scheduled lectures and demonstrations. Prerequisite: 410a,b, or d.

**517-4 The Atypical Child and Social Agencies.** A survey of social agencies contributing to the welfare and care of exceptional children. Emphasis given to services rendered and to methods of contact and cost. Specialists invited to appear before the class. Prerequisite: 400 or consent of instructor and department chairman.

**518a-4 Workshop in Education of Children with Learning and Behavioral Disorders.** Designed to promote better understanding of the psychological and educational problems of children with learning and behavioral disorders. Specialists used as consultants. Open to graduate students majoring in education, guidance, or special education with consent of instructor. Prerequisite: 400 and consent of instructor and department chairman.

**518b-4 Workshop in the Education of Mentally Retarded Children.** Designed to promote better understanding of the psychological and educational problems of mentally retarded children. Specialists used as consultants. Open to graduate students majoring in education, guidance, or special education with consent of instructor. Prerequisite: 400 and consent of instructor and department chairman.

**518c-4 Workshop in the Education of Gifted Children.** Designed to promote better understanding of the psychological and educational problems of gifted children. Specialists used as consultants. Open to graduate students majoring in education, guidance, or special education with consent of instructor. Prerequisite: consent of instructor and department chairman.



**518s-4 Workshop in the Administration of Special Education.** Designed to promote better understanding of the organization, administration and supervision of school programs for atypical children. Specialists used as consultants. Open to graduate students majoring in educational administration, guidance, or special education with consent of instructor. Prerequisite: 400 and consent of instructor and department chairman.

**577-4 to 12 Practicum in Special Education.** Supervised experience in school or institution programs for atypical children. Special research project. Open to graduate students only. Prerequisites: 410a,b,c, or e and consent of staff and department chairman.

**580a-4 Seminar: Education of Behaviorally Disordered Children.** Analysis of research, trends, and programs in the education of children who are behaviorally disturbed, socially maladjusted, or have learning disabilities. Open to graduate students in special education only. Prerequisites: 400 and consent of instructor and department chairman.

**580b-4 Seminar: Education of Mentally Retarded Children.** Analysis of research, trends, and programs in the education of children who are mentally retarded. Open to graduate students in special education only. Prerequisites: 400 and consent of instructor and department chairman.

**590-4 Seminar: Education of Children with Mental Deviations.** Critical review of administrative practices, research, theories and etiological factors relevant to programs in the education of children who are mentally retarded or gifted. Implications of research in related disciplines. Application of theories to practice. Open to advanced graduate students in special education only. Prerequisite: consent of instructor.

**591-4 Seminar: Education of Physically Handicapped Children.** Critical review of administrative practices, research theories and etiological factors relevant to programs in the education of children who are acoustically, visually, or orthopedically handicapped or those who, for medical reasons, must receive homebound instruction. Open to advanced graduate students in special education only. Prerequisite: consent of instructor.

**592-4 Seminar: Education of Children with Learning and Behavioral Disorders.** Critical review of administration practices, research theories, and etiological factors relevant to programs in the education of children who are emotionally disturbed, socially maladjusted, and/or have specific learning disabilities. Implications of research in related disciplines. Application of theories to practice. Open to advanced graduate students in special education only. Prerequisite: consent of instructor.

**596-4 to 8 Independent Investigation.** A field study required of each student working for the sixth-year specialists certificate. The work should be done in the setting of a school system where the student is employed or where full cooperation is extended. The study will involve selecting of the problem, surveying of pertinent literature, recording of results, and appropriate interpretations and summaries. Prerequisite: consent of staff and department chairman.

**599-2 to 9 Thesis.** Minimum of five hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.**

## Speech

Courses in this department may require the purchase of additional textbooks or materials.

**401-4 Creative Dramatics.** (Same as Theater 401.) Materials, techniques, and procedures for conducting sessions in informal drama with emphasis upon its contribution to the total growth and development of the child. Includes lectures, observations, student participation. Prerequisite: junior standing.

**406-4 Teaching Speech in Secondary Schools.** Philosophy of speech education, and effective teaching of speech through curricular and extra-curricular work. Prerequisite: 16 hours of speech.

**407-8 (4,4) American Public Address.** Critical studies of American speakers; selected speakers and speeches which reflect the dominant social and political ideas in American history. A lecture, reading, and discussion course. Parts may be taken independently.



- 408-4 Psychology of Speech.** Nature and development of speech, its basic psychology, and the part speech plays in personality development.
- 417-4 Contemporary Public Address.** A critical study of speakers and speeches selected to present the characteristic ideas of leading social and political developments in national and international affairs since 1918. A lecture, reading, and discussion course.
- 418-4 British Public Address.** Study of British speakers. Selection of material governed by men and issues that affected British history.
- 422-4 Oral Interpretation of Prose.** The study of the prose form through analysis and performance. Prerequisite: 323, GSC 200, or consent of instructor.
- 423-4 Oral Interpretation of Poetry.** The study of poetic form through analysis and performance. Prerequisite: 323, GSC 200, or consent of instructor.
- 424-4 Oral Interpretation of Dramatic Literature.** The study of dramatic form through analysis and performance. Prerequisite: 323, GSC 200, or consent of instructor.
- 425-3 Techniques of Discussion Leadership.** Group discussion designed to clarify the functions and concepts of the leader in democratic society.
- 427-4 Secondary School Forensic Program.** Coaching and organizational methods for forensic programs in school and college.
- 428-4 Communication Theories and Models.** Survey, analysis, and criticism of contemporary theories and models of human communications.
- 429-4 Experimental Studies in Oral Communication.** Principles of research design accompanied by a critical examination of research in oral communication. Prerequisite: 428.
- 430-2 to 4 Independent Study.** Creative project to be completed in one quarter. Nature of assignment determined by student and instructor and approved by department chairman. Prerequisite: 12 hours speech courses and consent of instructor.
- 431-2 to 12 Internship or Practicum in Public Relations.** Students compete for a professional quarter under the supervision of the director of PR instruction and the PR group of a corporation, institution, agency, or counseling firm. Credit depends upon the demands and complexity of the work which the student performs. Evaluation is a joint function of the group professionals and the director. Prerequisite: 331; Administrative Science 340; Marketing 301, 363; Journalism 370; one or more Journalism courses in newswriting; and one or more courses in research methods.
- 434-8 (4,4) Group Performance.** (a) Group performance. Media of oral interpretation. Theory and practical application; the compiled script. (b) Group performance. Medium of oral interpretation, theory, and practical application: chamber theater. Need not be taken in sequence. Prerequisite: 323.
- 435-4 Studies in Organizational Communication.** Communication systems and behavior within formal organizations. Focused on theory and research of informational and directive communication as related to channels, structures, status, involvement, morale, and leadership.
- 441-4 Teaching Speech in Elementary Schools.** Study of oral language development in children, analysis of their speech needs, and methods of teaching speech in elementary schools with emphasis on speech improvement and development of basic speech skills.
- 445-12 (4,4,4) Language Behavior.** Psycholinguistic approach to the study of language learning and the use of language. Relation of language to other developing behaviors. Applicability of psychological and linguistic theories to social psychological aspects of language communication.
- 449-4 General Semantics.** Means of changing implications so that language, in spoken or written form, describes the life facts.
- 450-12 (4,4,4) Laboratory in Interpersonal Communication.** Communication viewed as a process of relating and evaluating. Applications of and related philosophy, methodology and research to the functioning of the class itself through various speech activities. The course encompasses the common core of communication behaviors relevant to the chief communication specialties.
- 484-4 Political Communication.** This course will place contemporary techniques of political campaign communication in historical perspective, discuss some of the major controversies which have recently arisen, and review critically empirical research dealing with the influence of communication variables on political values, attitudes, and behavior. Prerequisite: junior standing or consent of the instructor.
- 500-4 Survey of Classical Rhetoric.** Ancient rhetoricians and orators from



Corax to Augustine, with special emphasis upon the works of Aristotle and Cicero. Lectures and special studies.

**501-4 Teaching Oral Language at the Pre-School and Early Elementary Level.** For teachers of culturally disadvantaged children. Emphasis on environmentally derived language problems. Theory of language development, relationships between language and learning, and practice in constructing ameliorative language experiences.

**504-4 Medieval and Renaissance Rhetoric.** An examination of the trends in rhetorical theory between A.D. 100 and 1600 designed to facilitate understanding of the transition from classical to modern theory.

**505-4 Modern Rhetorical Theory.** An analysis of selected theories of public address from the seventeenth century to the present, with a view of discovering the methods and objectives of modern rhetoricians and relating them to society and its problems during the period.

**507-6 (3,3) Studies in Public Address.** The study of orators, oratory, issues and movements in terms of implications for rhetorical theory and current concepts of communication. Prerequisite: 407a,b.

**508-4 Seminar: Studies in Discussion.** Studies in group thinking and group action with a view to improving discussion and conference techniques.

**510-4 Seminar: Persuasion and Social Control.** Uses and applications of persuasion in the various fields of social activity. Mass media examined as they apply to politics, business, religion, and education.

**511-4 (2,2) Teaching the College Speech Course.** Problems, methods, and materials in the teaching of speech in college with primary emphasis on the basic course. Examination of textbooks, courses of study, curriculum making, measurement, and relationship to other fields.

**520-3 Philosophical Foundations of Speech.** A special course reviewing the philosophy of speech for graduate and advanced students. Designed to take advantage of the knowledge and background of distinguished visiting professors.

**522-4 to 12 Studies in Interpretation.** Historical perspectives, critical methods, contemporary social relationships, modern media experiments, chamber theatre, selected authors, or periods. Course may be repeated for a total of 12 hours. Prerequisite: 12 hours of interpretation or consent of instructor.

**523-3 Seminar: Problems in Interpretation.** An examination of basic research areas within the field of interpretation in terms of current theories and methodologies. Prerequisite: 12 hours in interpretation and theater and consent of instructor.

**524-6 (3,3) Problems in Rhetoric and Public Address.** Rhetorical theory and criticism of public address examined. Classical and contemporary theory and practice studied.

**525-4 Seminar: Speech Education.** Problems of philosophy and methods of teaching speech in the elementary and secondary schools. Prerequisite: consent of instructor.

**526-4 Language Behavior Seminar.** Problems in language behavior research. Location and development of research topics, formulation of proposals, methods of conducting language behavior research. Prerequisite: 406, 441 or 445.

**530-1 to 4 Research Problems.** Independent study under the supervision of a member of the graduate faculty in speech.

**532-4 (2,2) Areas and Techniques of Research in Speech.** Study and analysis of outstanding works in the various areas of research. Lectures on research techniques and study possibilities in the field.

**540-4 Seminar: Experimental Communications Research.** Types of quantitative research and methods of observation and data collection most relevant to the study of human communication. Prerequisite: 428, 429, and two courses in statistics.

**542-4 Seminar in Non-quantitative Research Methods.** Survey and critical analysis of non-quantitative approaches to the study of communication, particularly relating to methods of observation, data collection, and interpretation. Emphasis on case and field studies.

**599-2 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

**600-1 to 48 Dissertation.** Minimum of 36 hours to be earned for the Doctor of Philosophy degree.

### Speech Pathology and Audiology

**400-1 to 4 Independent Study in Speech Pathology and Audiology.** Activities



involved shall be investigative, creative, or clinical in character. Must be arranged in advance with the instructor, with consent of the chairman, and may be repeated for up to 6 hours. Prerequisite: consent of chairman.

**401-4 Diagnostic Procedures in Speech Pathology.** A general introductory course devoted to a discussion of the role of the speech and hearing clinician as a differential diagnostician. Special emphasis is placed on the techniques and importance of the oral-peripheral examination, articulation and language evaluation, audiometric and case history information in constructing an initial evaluation report. Prerequisite: 200, 314.

**406-4 Techniques and Interpretation of Hearing Tests.** Principles and techniques of testing the hearing and interpreting those tests in terms of the individual's needs. Prerequisite: 316 or consent of instructor.

**419-4 Communication Problems of the Deaf and Hard of Hearing.** Objectives and techniques for the teaching of lip reading, speech conservation, and auditory training. Prerequisite: 406 or consent of instructor.

**428-4 Speech Correction for the Classroom Teacher.** (Same as Special Education 428.) Etiology and therapy of common speech defects. May be taken by all inservice teachers, seniors, and graduate students in education.

**430-2 to 4 Clinical Practice: Articulation.** Supervised clinical practicum in articulation. Emphasis will be upon therapy procedures, diagnostic techniques, and preparation of reports. Prerequisite: 302.

**431-2 to 4 Clinical Practice: Language.** Supervised clinical practicum in language. Emphasis will be upon therapy procedures, diagnostic techniques, and preparation of reports. Prerequisite: 303.

**432-2 to 4 Clinical Practice: Hearing Rehabilitation.** Supervised clinical practicum in hearing rehabilitation. Emphasis will be upon therapy procedures, diagnostic techniques, and preparation of reports. Prerequisite: 316, 406, 419.

**435-2 to 4 Clinical Practice: Speech and Language Diagnostics.** Supervised clinical practicum in language diagnostics. Emphasis will be upon therapy procedures, diagnostic techniques, and preparation of reports. Prerequisite: 302, 303, 401.

**436-2 to 4 Clinical Practice: Hearing Diagnostics.** Supervised clinical practicum in hearing diagnostics. Emphasis will be upon therapy procedures, diagnostic techniques, and preparation of reports. Prerequisite: 316, 406.

**509-4 Research Design in Hearing and Speech Pathology.** Evaluation of the strategies and procedural tactics of behavioral research. Prerequisite: consent of instructor.

**510-4 Stuttering: Behavior Assessment.** Explores the assumptions underlying diagnosis and assessment. Procedures involved in the differential assessment of disfluent behaviors are examined, evaluated, and related to therapeutic strategies. Prerequisite: 319 or consent.

**511-4 Stuttering: Behavior Therapy.** Principles of behavior change are examined, related to assessment, and to the tactics of modification. Prerequisite: 510.

**512-4 Seminar: Phonology.** An introductory discussion of the important linguistic, physiological and acoustic variables which affect language production at the segmental and suprasegmental level of language. Prerequisite: consent.

**513-4 Phonological Acquisition in Children.** A survey course designed to familiarize the student with current research and theories devoted to explaining phonological development in children on a linguistic basis. Prerequisite: consent.

**514-4 Seminar: Phonetic Theory.** A historical examination of the growth and development of distinctive feature systems from 1920 to the present. This course concentrates on the mathematical, logical, physiological and acoustic assumptions of the various matrices which have been developed. Prerequisite: consent.

**515-1 to 4 Readings in Speech Pathology and Audiology.** Supervised and directed readings in specific areas of speech pathology. Prerequisite: advanced standing.

**518-4 Seminar: Physiological Acoustics of the Ear.** Advanced study of the physiological responses of the middle and inner ear to the acoustic stimulus. Theories of middle ear function and of cochlear function are presented in detail. Prerequisite: 316, 406.

**519-4 Seminar: Psychoacoustics.** Advanced study of the behavioral response of the human hearing mechanism to the various parameters of the acoustic stimulus; threshold sensitivity, loudness, pitch, localization, modulation, beats, and masking. Prerequisite: 316, 406, 518, or consent of instructor.

**521-4 Seminar: Physio-Acoustics of Speech.** Lectures and discussion of the be-



havior of structures of the head and neck which are directly concerned with the production of the acoustics of verbal coding. Prerequisite: consent of instructor.

**522-4 Seminar: Voice Disorders.** An intensive study of the variables of airstream modulation resulting from impaired structures and function of head and neck. Prerequisite: 318 or equivalent.

**523-2 to 4 Clinical Practice: Voice Disorders.** Supervised clinical practicum in voice disorders. Emphasis will be upon therapy procedures, diagnostic techniques, and preparation of reports. Prerequisite: 318 or equivalent.

**524-4 Seminar: Language Disorders.** Examination of language disorders associated with childhood. Procedures for the evaluation of aberrant language development in clinical populations in contrast to the linguistic development of normal speakers. Prerequisite: 303 or 545.

**525-4 Advanced Audiology I.** Problems in masked bone conduction audiometry including SAL and Rainville testing; methods of hearing assessment for children and infants; functional hearing loss in children and adults. Prerequisite: 316 and 406.

**528-4 Seminar: Experimental Audiology.** Basic psychophysical methods, basic operating principles of electronic equipment, and the use of laboratory sound-production and measurement equipment will be presented. Students will design and perform model psycho-acoustic experimentation. Prerequisites: 520 and 516, or consent of instructor.

**530-1 to 4 Research Problems in Speech Pathology and Audiology.** Individual work upon selected problems for research.

**531-1 to 4 Seminar: Experimental Phonetics.** An investigation into the experimental approaches for the study of the phenomena of speech.

**532-2 to 4 Clinical Practice: Fluency Disorders.** Supervised clinical practicum in fluency disorders. Emphasis will be upon therapy procedures, diagnostic techniques, and preparation of reports. Prerequisite: 510 and 511.

**533-4 Seminar: Speech Science.** Special problems in voice science and acoustic perception.

**534-4 Seminar: Instrumentation.** Familiarity with instruments, their uses, capabilities, and limitations, as they apply to the study of speech and hearing.

**535-2 to 4 Clinical Practice: Cerebral Palsy and Aphasia.** Supervised clinical practicum in cerebral palsy and aphasia. Emphasis will be upon therapy procedures, diagnostic techniques, and preparation of reports. Prerequisite: 541.

**536-4 Seminar: Administration of Speech and Hearing Programs.** A study of program settings, organizational procedures, and professional interrelationships in adult speech and hearing therapy. Field trips to rehabilitation centers and related agencies.

**540-4 Neuroanatomy and Neurophysiology of Communicative Disorders.** The neuroanatomical and neurophysiological bases for communicative disorders studied with special reference to: histogenesis of the central and autonomic nervous systems, their component parts and relationships to each other; structural descriptions of the brain and spinal cord, including fiber tracts and afferent and efferent systems; biochemical mechanics and theories of neural transmission. Prerequisite: 314.

**541-4 Neuromuscular Disorders of Speech.** In-depth study of disorders of speech due to neuromuscular and neurophysiological pathologies resulting from damage to the brain and biochemical dysfunctions of the C.N.S. Review of relevant research and therapeutic paradigms will accompany opportunities to design and execute research in neuropathology, as well as clinical practicum with patients so disabled. Prerequisite: 540 and consent.

**542-4 Neuropsychological Disorders of Communication.** Study of the neuropsychological disabilities of speech and language resulting from C.N.S. damage or dysfunction. Pertinent research relating to the syndromes of dyspraxia, aphasia, and geriatric linguistic disabilities will be reviewed. Diagnostic and therapeutic paradigms useful in management of these patients will be explored, including clinical contact with patients diagnosed as displaying neuropsychological disabilities. Prerequisite: 540 and consent.

**545-4 Modern Techniques for the Syntactically Impaired.** Discussion of the application of current theoretical and research findings to the syntactically impaired. This course emphasizes diagnostic and therapeutic models applicable to language disorders. Opportunities for research and clinical experience with young children displaying developmental language problems will be provided. Prerequisite: 303 or consent.



**548-4 Stuttering: Behavior Theory.** Examines modern learning theory approaches to fluency and fluency failure. The learning models dealt with are critically examined in relation to clinical and experimental data. Prerequisite: 319 or consent.

**549-4 Stuttering: Behavior Research.** Reviews the research data on stuttering in relation to design, methodology and technology. Discussions serve as the background for original investigations. Prerequisite: 319, 509 or consent.

**550-4 Psycholinguistic Correlates of Verbal Impairment.** Clinical, diagnostic, and therapeutic procedures suggested by the current status of our knowledge of the mental behaviors or deviant groups will be studied. Presentation of behavioral paradigms for the clinical treatment of the verbally impaired child will be emphasized. Diagnostic and therapeutic experiences with this clinical group will be required. Prerequisite: 545.

**599-2 to 9 Thesis.**

**600-1 to 48 Dissertation.**

## Theater

**401-4 Creative Dramatics.** (See Speech 401.)

**402-12 (4,4,4) Play Directing.** (a) The director as the controlling force in theatrical production, with emphasis on his use of the visual language of the stage. (b) The director as the interpreter of the play, with emphasis on his work with the actors in rehearsal. Prerequisite: 402a or consent of instructor. (c) Study of theories and practice in techniques of directing presentational forms of theater and non-proscenium productions. Prerequisites: 402a and b or consent of instructor.

**404-4 Theater Management.** Theater operational procedure, including both fundamental structuring and house management. The former aspect includes administration, purchasing, and accounting practices, ticket sales, publicity, promotion, and public relations. The latter covers the management of box-office and ushering.

**407-2 Sound in the Theater.** Consideration of sound system design and application of sound in dramatic production. Lecture and laboratory 2 hours. Prerequisite: 111b or consent of instructor.

**409-4 High School Theater and Its Production Problems.** Consideration of stages, machinery, equipment, light controls and instruments, production techniques, and analysis of basic needs of high school theater.

**410-3 Children's Theater.** Creative dramatics; dramatization of children's literature; play production for elementary schools. Recommended for education concentrations.

**411A-4 Playwriting: The One-Act Play.** Principles of dramatic construction and practice in the writing of a one-act play. Individual conferences supplement the class discussion and analysis of student writing. Deserving plays have opportunity to be produced in the University Theater's Quarter-Night program for new plays. Prerequisite: 311 for theater and speech majors.

**411B-4 Playwriting: The Full-Length Play.** Principles of dramatic construction and practice in the writing of a full-length play, (encompassing such varied types as the children's play, the historical pageant-drama, the musical, etc.). In special cases students may elect to write two short plays. Individual conferences supplement the class discussion and analysis of student writing. Prerequisite: 411A or consent of instructor; none except 311 for theater and speech majors.

**412-12 (4,4,4) Stage Design.** The design of settings for the stage and other dramatic media. Prerequisite: 207.

**414-4 Costume Design.** History of western costume from Greek to Renaissance and its adaptation to stage use. Theory and principles of theatrical costuming. Application of principles of design and color. Designs for single scenes.

**415-4 Costume Design.** History of costume, Renaissance through 19th Century. Style, fantasy, and the comic in costume design. Principles of dramatic theory and criticism as applied to costume design. Evaluation of research tools. Methods and procedures in designing costumes for a complete show. Prerequisite: 414.

**416-4 Current Theories and Practices in the Teaching of Dance.** (See Physical Education 416.)



**417-4 Advanced Acting.** Lectures, readings, and practical application dealing with advanced studies of characterizations and acting styles on an individual basis. Prerequisite: 217, 317. Mandatory Pass/Fail.

**432-4 Stage Lighting.** Instruments and control equipment; principles and techniques of lighting dramatic productions.

**438-4 Contemporary Developments in the Theater.** Critical study of theory and practice in acting, directing, production, and architecture in the modern theater. The rise and development of the film, radio, and television as dramatic media.

**444-2 to 8 Contemporary Dance Workshop.**

**490-4 to 8 Theater-Television Workshop.** (See Radio-Television 490.)

**500-2 Introduction to Research Methods.** An introduction to the principles and methods of scientific, historical, critical, and projective research in theater. Prerequisite: graduate standing.

**502-4 to 12 Advanced Directing.** Scene-study workshop, with emphasis on exercises designed to overcome the individual's specific problems as a director. May be repeated only by permission of instructor. Prerequisite: consent of instructor.

**503-12 (4,4,4) Advanced Technical Problems.** Solutions of problems presented by certain types of plays and modes of production. (a) Scene design. (b) Stage lighting and sound. (c) Costume design. Prerequisite: consent of department.

**504-4 The Comic Theater.** A study of comedic theory as applied to major types of dramatic composition. Dramatic theories of comedy from Aristotle to Freud are explored. Individual reports.

**505-4 The Tragic Theater.** An examination of tragic drama and criticism as related to the societies which produced such drama. Particular emphasis is placed upon the Athenian, Elizabethan and modern theater.

**511-4 Playwriting Workshop.** A practical laboratory course in which playwriting students will have one or more original plays presented in staged readings or, whenever possible, in modified productions. Students will be expected to constantly improve their work before and after presentation, to attend rehearsals, to work closely with directors and actors. Plays will be evaluated by critique panels composed of faculty and students. The Workshop gathers a performance group for the presentation of the new plays. The Department also produces original plays in its Quarter-Night Series. Restricted to graduate playwriting students in the theater program. Graduates in interdisciplinary programs may be admitted by consent of instructor. Prerequisites: 411A and B.

**517-4 to 12 Graduate Practicum in Acting.** An advanced acting studio for graduate students which may be repeated for a total of twelve credits. Instruction in advanced rehearsal and performance problems. Prerequisite: 417 or equivalent and permission of instructor.

**519-1 to 12 Theater Practicum.** Practical experience in acting, directing, and associated work on campus, on area tours, and in summer stock.

**526-3 to 12 Seminar in Theater Arts.** Special problems of interest to advanced students. Subject is determined by the instructor. Seminar in same subject cannot be repeated. Prerequisite: consent of department.

**530-1 to 4 Research Problems in Theater.** Individual work upon selected problems for research.

**599-1 to 9 Thesis.** Minimum of 5 hours to be counted toward a master's degree.

## Zoology

Students enrolled in zoology courses may incur field trip or laboratory expenses of \$5.00 to \$25.00.

**402-4 Natural History of Invertebrates.** Introduction to environmental relationships, intraspecies communication, and interspecies relationships of invertebrate animals. Prerequisite: one year of zoology including 317a.

**403-4 Natural History of Vertebrates.** Observation, identification, and life histories. Designed for teachers. Not for students specializing in vertebrate zoology. Prerequisite: 317b.

**404-2 to 12 Zoology Field Studies.** A trip of four to eight weeks to acquaint students with animals in various environments and/or with methods of field study, collection, and preservation. Cost per individual will be approximately



\$25 per week. (Only 4 hours may be used for credit.) Prerequisite: consent of department.

**406-4 Protozoology.** Taxonomy, cytology, reproduction, and physiology of unicellular animals including methods of culturing. Prerequisite: 317a.

**407-5 Parasitology.** Principles, collection, identification, morphology, life histories, and control measures. Prerequisite: 317a.

**408-4 Herpetology.** Taxonomic groups, identification, morphology, and natural history of amphibians and reptiles. Prerequisite: 317b.

**409-5 Histology.** Microscopic structure of organs and tissues with emphasis on mammalian forms. Prerequisite: 15 hours biological science.

**410-5 Vertebrate Paleontology.** History of vertebrate animals in terms of their morphological change, geological succession, and ecological relationships.

**413-10 (5,5) The Lower and Higher Invertebrates.** (a) Structure, phylogeny, and natural history of the lower invertebrates, through lophophorates. (b) Structure, phylogeny, and natural history of the higher invertebrates, protostomes, deuterostomes except arthropods. Need not be taken in sequence. Prerequisite: 317a.

**414-5 Freshwater Invertebrates.** Taxonomic groups, identification, and natural history of the North American fauna. Prerequisites: one year of zoology including 317a.

**415-4 Limnology.** Lakes and other inland waters, the organisms living in them, and factors affecting these organisms. Prerequisite: 317a.

**425-4 (2,2) Genetic Methods.** Experimental methods in applying basic principles of genetics. (a) Monogenic and digenic inheritance, sex-linkage, gene interaction, linkage, and chromosome mapping. (b) Mutation, artificial and natural selection, gene frequencies, and genetic drift. Four hours laboratory per week. Must be taken in a,b sequence. Prerequisite: Biology 305.

**426-4 Comparative Endocrinology.** (Same as Physiology 426.) Comparison of mechanisms influencing hormone release, hormone biosynthesis, and the effects of hormones on target tissues. Includes ablation and histology of glands, and chemical and bioassays with vertebrates and invertebrates. Prerequisite: Biology 308 and consent of instructor.

**430-8 (4,4) Biological Statistics.** (a) Examination of distributions, the parametric statistics and simple regression theory. (b) Examination of experimental design, the analysis of variance, and the analysis of covariance. Prerequisite: consent of instructor.

**441-4 Emergence of Order in Biological Systems.** From molecular to the gross morphological level: cybernetic, systemic, thermodynamic, and evolutionary aspects. Prerequisite: consent of instructor.

**459-4 Game Birds.** Identification, life history, ecology, and management. Cost of field trips up to \$15 per student. Prerequisite: 317a and b or consent of instructor.

**461-4 Mammalogy.** Taxonomic groups, identification, and natural history of mammals. Prerequisite: 317b.

**463-4 Wildlife Management.** The principles and varied techniques of managing wildlife resources. Cost of field trips up to \$15 per student. Prerequisite: 15 hours of biological science or consent of instructor.

**465-4 Ichthyology.** Taxonomic groups, identification, and natural history of fishes. Prerequisite: 317b.

**466-4 Fish Management.** Sampling, dynamics, and manipulation of fish populations, age and growth of fishes, and habitat improvement. Prerequisites: one year of biological science, consent of instructor.

**467-4 Ornithology.** Classification and recognition of birds and the study of their songs, nests, migratory habits, and other behavior. Cost of field trips is \$5 to \$10 per student. Two lectures and 4 laboratory hours per week. Prerequisite: 317b.

**471-4 Entomology.** Structure, classification, and life histories of insects. Two lectures and 4 laboratory hours per week. Prerequisite: 317a.

**479-4 Animal Behavior.** (Same as Animal Industries 479 and Psychology 479.) The biological basis for the actions and responses of animals. Prerequisite: GSA 209, or equivalent.

**508-4 Helminthology.** Identification, structure, physiology, and life history of parasitic worms. Prerequisite: consent of instructor.

**509-3 Histochemistry.** Principles and techniques of microchemical investigation of tissues. Prerequisite: 409 and Chemistry 305a,b, or consent of instructor.

**512-3 Animal Geography.** Principles of the distribution of the animals of the world. Prerequisite: consent of instructor.



- 514-4 Advanced Entomology.** Morphology, physiology, systematics, and distribution of insects. Prerequisite: 471.
- 520-5 Advanced Invertebrates.** The nature and life of invertebrate animals with emphasis on comparative form, function, behavior, and occurrence. Prerequisite: consent of instructor.
- 521-4 Advanced Limnology.** The physical, chemical, and biological factors affecting organisms in streams. Emphasis on the effects of pollution. Prerequisite: 415 and consent of instructor.
- 525-5 Cytology.** (Same as Botany 525.) Microscopic study of protoplasm, including mitosis and meiosis; discussions of cytological behavior. Prerequisite: consent of instructor.
- 540-3 Factors in Animal Reproduction.** Genetic and physiological factors in determination, differentiation, and modification of sex in animals. Prerequisite: consent of instructor.
- 542-3 Osteology.** Modification of the vertebrate skeleton as a result of growth, functional adaptation, and phylogenetic relationship. Prerequisite: consent of instructor.
- 561-4 Game Mammals.** Natural history and management. Prerequisite: consent of instructor.
- 566-4 Fish Culture.** Production of game, food, and bait fishes. Design of facilities, chemical and biological variables, spawning techniques, diseases and nutrition. Prerequisite: consent of instructor.
- 573-4 Physiological Ecology.** Physiologic and morphologic adaptations and homeokinetic mechanisms in the ecology of organisms. Prerequisite: Biology 307 or equivalent and consent of instructor.
- 577-3 Population Ecology.** Principles of population dynamics as related to animals. Prerequisite: consent of instructor.
- 578-4 Population Genetics.** Genetic structure of populations, factors causing changes, and principles governing rate and direction of change. Prerequisite: consent of instructor.
- 580-4 Advanced Systematics.** The implication of systematics, including the theory and dynamics of classification, speciation, population genetics, and evolution. Prerequisite: consent of instructor.
- 581-3 The Zoological Literature.** Diversity and functions of zoological literature, scientific writing, and the publication process. Prerequisite: graduate status in a biological science.
- 582-1 to 6 (1,1,1,1,1) Graduate Zoology Seminar.** Special topics in zoology. Consult department for each term's topic. Prerequisite: consent of instructor and department.
- 583-3 (1,1,1) The Teaching of Zoology in College.** Methods, practices, and objectives in teaching zoology. Designed as part of the apprenticeship program for preparation of college teachers. Prerequisite: graduate status in a biological science.
- 585-9 to 27 (Each Section 1 to 3) Seminar.** (a) Seminar in animal behavior. (b) Seminar in developmental biology. (c) Seminar in ecosystems. (d) Seminar in wetland ecology. (e) Seminar in wildlife ecology. (f) Seminar in ornithology. (g) Seminar in parasitology. (h) Seminar on the amphibia. (j) Seminar in invertebrate zoology. (k) Seminar in mammalian paleontology. (l) Seminar in aquaculture. Prerequisite: consent of instructor.
- 596-1 to 12 Special Research.** Investigations in zoology other than those for theses. Only 3 hours may be credited toward a degree. Prerequisite: consent of instructor.
- 599-1 to 12 Research and Thesis.** For master's degree. Prerequisite: consent of instructor.
- 600-1 to 48 Research and Dissertation.** For Doctor of Philosophy degree. Prerequisite: consent of instructor.

# 4 / Faculty

Graduate instruction at Southern Illinois University at Carbondale is the responsibility of the graduate faculty. Although the Graduate Faculty is not organized into departments, its members are normally affiliated with specific disciplines.

Preceding the Graduate Faculty is a list of faculty members and students elected to the Graduate Council for the year 1972-1973.

## The Graduate Council

Ian Beattie, Associate Professor  
Marcia Brink, Graduate Student  
George G. Brown, Associate Professor  
Lincoln Canfield, Professor  
John Cody, Professor  
Philip Davis, Professor  
Russell Dutcher, Professor  
David Ehrenfreund, Professor  
Florence Foote, Professor  
Harvey Gardiner, Research Professor  
Hermann Haas, Professor  
William Herr, Professor  
Charles Hindersman, Professor  
Larry Lagow, Graduate Student  
Herman Lantz, Professor  
Christian Moe, Professor  
Robert Mueller, Professor  
Lydia Pulsipher, Graduate Student  
Brent Opell, Graduate Student  
Leland Stauber, Associate Professor  
Dean Stuck, Associate Professor  
Donald Tindall, Associate Professor  
Gola Waters, Associate Professor  
Howard Webb, Professor  
Sally Wright, Graduate Student  
John Zimmerman, Professor

## Accountancy (School of Business)

Barron, Mary N., Associate Professor, M.B.A., University of Michigan, 1946  
Booker, Jon A., Assistant Professor, Ph.D., North Texas State University, 1971  
Burger, Clifford R., Professor, M.S., Indiana State Teachers College, 1947  
Eriksen, Douglas C., Assistant Professor, Ph.D., University of Missouri, 1968  
Gallegly, Robert L., Associate Professor, A.M., University of Illinois, 1947  
Schmidlein, Edward J., Professor, Ph.D., New York University, 1953  
Seth, Shirish, Associate Professor, Ph.D., Michigan State University, 1969  
Swick, Ralph D., *Chairman* and Professor, D.B.A., Indiana University, 1954  
Tucker, Marvin, Associate Professor, Ph.D., University of Alabama, 1966  
Woelfel, Charles J., Professor, Ph.D., University of Texas, 1957  
Wright, Roland M., Professor, Ph.D., University of Iowa, 1962

## Administrative Sciences (School of Business)

Bateman, David N., Assistant Professor, Ph.D., Southern Illinois University, 1970  
Bedwell, Ralph, Associate Professor, Ph.D., Southern Illinois University, 1969



Bishop, Ronald C., *Chairman* and Associate Professor, Southern Illinois University, 1969  
 Fohr, John M., Professor, Ed.D., Michigan State University, 1959  
 Hunt, James G., Professor, Ph.D., University of Illinois, 1966  
 Larson, Lars L., Assistant Professor, Ph.D., University of Illinois, 1971  
 Osborn, Richard N., Assistant Professor, Ph.D., Kent State University, 1971  
 Orescanin, Danilo, Professor, D.B.A., Indiana University, 1960  
 Sanders, Ronald L., Assistant Professor, Ph.D., University of Kentucky, 1971  
 Vicars, William M., Assistant Professor, Ph.D., Southern Illinois University, 1969

### **Agricultural Industries (School of Agriculture)**

Benton, Ralph A., Professor, Ph.D., University of Illinois, 1955  
 Buila, Theodore, Assistant Professor, Ph.D., Cornell University, 1968  
 Hanson, Ronald J., Assistant Professor, Ph.D., University of Illinois, 1972  
 Herr, William McD., Professor, Ph.D., Cornell University, 1954  
 Hoerner, Harry J., Assistant Professor, Ed.D., Oklahoma State University, 1969  
 Keeper, Wendell, Professor, Ph.D., Cornell University, 1938  
 Langford, Gordon L., Assistant Professor, Ph.D., Montana State University, 1969  
 Lybecker, Donald W., Assistant Professor, Ph.D., Iowa State University, 1970  
 Paterson, J. J., Associate Professor, M.S., University of Saskatchewan, 1943  
 Small, Leslie E., Assistant Professor, Ph.D., Cornell University, 1972  
 Solverson, Lyle, Associate Professor, Ph.D., University of Wisconsin, 1967  
 Stitt, Thomas R., Associate Professor, Ph.D., Ohio State University, 1967  
 Welton, Richard F., Assistant Professor, Ph.D., Ohio State University, 1971  
 Wills, Walter J., Professor, Ph.D., University of Illinois, 1952  
 Wolff, Robert L., Assistant Professor, Ph.D., Louisiana State University, 1971  
 Wood, Eugene S., *Chairman* and Professor, Ed.D., University of Missouri, Columbia, 1958

### **Animal Industries (School of Agriculture)**

Goodman, Billy L., Professor, Ph.D., Ohio State University, 1959  
 Hausler, Carl L., Assistant Professor, Ph.D., Purdue University, 1970  
 Hinners, Scott W., Professor, Ph.D., University of Illinois, 1958  
 Hodson, Harold H. Jr., Associate Professor, Ph.D., Iowa State University, 1965  
 Kammlade, W. G., Jr., Associate Professor, Ph.D., University of Illinois, 1951  
 Kroening, Gilbert H., Associate Professor, Ph.D., Cornell University, 1965  
 Lee, D. Dixon, Jr., Assistant Professor, Ph.D., North Carolina State University, 1970  
 Marion, G. B., *Chairman* and Professor, Ph.D., University of Wisconsin, 1951  
 Olson, Howard H., Professor, Ph.D., University of Minnesota, 1952  
 Strack, Louis E., Associate Professor, D.V.M., University of Illinois, 1961  
 Waring, George H., Associate Professor, Ph.D., Colorado State University, 1966

### **Anthropology (College of Liberal Arts)**

Altschuler, Milton, Associate Professor, Ph.D., University of Minnesota, 1964  
 Bender, Marvin L., Assistant Professor, Ph.D., University of Texas, 1968  
 Cook, Edwin A., *Chairman* and Associate Professor, Ph.D., Yale University, 1967  
 Dark, Philip J. C., Professor, Ph.D., Yale University, 1954  
 Grimes, J. Larry, Assistant Professor, Ph.D., University of Texas, 1969  
 Handler, Jerome S., Associate Professor, Ph.D., Brandeis University, 1965  
 Kelley, Charles, Professor, Ph.D., Harvard University, 1945  
 MacLachlan, Bruce B., Associate Professor, Ph.D., University of Chicago, 1962  
 Maring, Ester G., Assistant Professor, Ph.D., Indiana University, 1969  
 Maring, Joel M., Associate Professor, Ph.D., Indiana University, 1967  
 Muller, Jon D., Associate Professor, Ph.D., Harvard University, 1967  
 Rands, Robert L., Professor, Ph.D., Columbia University, 1952  
 Riley, Carroll L., Professor, Ph.D., University of New Mexico, 1952  
 Taylor, Walter W., Professor, Ph.D., Harvard University, 1943  
 Walker, Malcolm T., Assistant Professor, Ph.D., Columbia University, 1970

**Art (College of Communications and Fine Arts)**

- Abrahamson, Roy, Associate Professor, Ed.D., Columbia University, 1965  
 Addington, Aldon, Assistant Professor, M.F.A., Cranbrook Academy of Art, 1967  
 Bernstein, Lawrence, Associate Professor, M.F.A., Cranbrook Academy of Art, 1953  
 Boysen, William, Assistant Professor, M.F.A., University of Wisconsin, 1966  
 Fink, Herbert L., *Director* and Professor, M.F.A., Yale University, 1958  
 Graubner, Ernest, Lecturer, M.F.A., George Washington University, 1964  
 Johnson, Evert, Lecturer, M.A., University of Iowa, 1954  
 Kington, Brent, Professor, M.F.A., Cranbrook Academy of Art, 1961  
 Littlefield, Lee, Instructor, M.A., University of New Mexico, 1968  
 Paulson, Robert, Assistant Professor, M.F.A., University of Wisconsin, 1967  
 Place, Ruth G., Instructor, B.A., New School for Social Research, 1959  
 Sullivan, James E., Assistant Professor, M.A., University of California, Los Angeles, 1965  
 Sullivan, Milton F., Professor, M.A., Columbia University, 1951  
 Vergette, Nicholas, Professor, Diploma, University of London Institute of Education, England, 1951  
 Walsh, Robert, Instructor, M.A., University of Iowa, 1969  
 Walsh, Thomas J., Associate Professor, M.F.A., University of Michigan, 1962

**Botany (College of Science)**

- Ashby, William C., Professor, Ph.D., University of Chicago, 1950  
 Kaeiser, Margaret, Associate Professor, Ph.D., University of Illinois, 1940  
 Matten, Lawrence C., Associate Professor, Ph.D., Cornell University, 1965  
 Mohlenbrock, Robert H., *Chairman* and Professor, Ph.D., Washington University, 1957  
 Myers, Oval, Jr., Associate Professor, Ph.D., Cornell University, 1963  
 Olah, Ladislao, Professor, Ph.D., Stephen Tisza University, Hungary, 1934  
 Pappelis, Aristotel J., Professor, Ph.D., Iowa State University, 1957  
 Robertson, Philip A., Assistant Professor, Ph.D., Colorado State University, 1968  
 Schmid, Walter E., Professor, Ph.D., University of Wisconsin, 1961  
 Tindall, Donald R., Associate Professor, Ph.D., University of Louisville, 1966  
 Ugent, Donald, Assistant Professor, Ph.D., University of Wisconsin, 1966  
 Verduin, Jacob, Professor, Ph.D., Iowa State University, 1947  
 Voigt, John W., Professor, Ph.D., University of Nebraska, 1950  
 Yopp, John H., Assistant Professor, Ph.D., University of Louisville, 1969

**Center for the Study of Crime, Delinquency, and Corrections  
(College of Human Resources)**

- Alexander, Myrl E., Professor, B.A., Manchester College, 1930  
 Anderson, Dennis B., Assistant Professor, Ed.D., University of Nebraska, 1970  
 Dreher, Robert H., Associate Professor, LL.B., University of Illinois, 1940  
 Eynon, Thomas G., Professor, Ph.D., Ohio State University, 1959  
 Matthews, Charles V., *Director* and Associate Professor, M.A., University of Kansas City, 1951  
 Rich, Vernon E., Associate Professor, Ph.D., Michigan State University, 1971

**Chemistry and Biochemistry (College of Science)**

- Arnold, Richard T., *Chairman* and Professor, Ph.D., University of Illinois, 1937  
 BeMiller, James N., Professor, Ph.D., Purdue University, 1959  
 Beyler, Roger E., Professor, Ph.D., University of Illinois, 1949  
 Bolen, D. Wayne, Assistant Professor, Ph.D., Florida State University, 1969  
 Brown, George E., Professor, Ph.D., Iowa State University, 1941  
 Caskey, Albert L., Associate Professor, Ph.D., Iowa State University, 1961  
 Cox, James A., Assistant Professor, Ph.D., University of Illinois, 1967  
 Emptage, Michael R., Assistant Professor, Ph.D., Harvard University, 1965  
 Geiger, William E. Jr., Assistant Professor, Ph.D., Cornell University, 1970



Gibbard, H. F., Assistant Professor, Ph.D., Massachusetts Institute of Technology, 1967  
 Hadler, Herbert I., Associate Professor, Ph.D., University of Wisconsin, 1952  
 Hadley, Elbert H., Professor, Ph.D., Duke University, 1940  
 Hall, J. Herbert, Professor, Ph.D., University of Michigan, 1959  
 Hinckley, Conrad C., Associate Professor, Ph.D., University of Texas, 1964  
 Koster, D. F., Associate Professor, Ph.D., Texas A. & M. University, 1965  
 Meyers, Cal Y., Professor, Ph.D., University of Illinois, 1951  
 Musulin, Boris, Professor, Ph.D., Northwestern University, 1954  
 Schmulbach, Charles D., Professor, Ph.D., University of Illinois, 1958  
 Slocum, Donald W., Professor, Ph.D., New York University, 1963  
 Smith, Gerard V., Associate Professor, Ph.D., University of Arkansas, 1959  
 Sung, Michael T., Assistant Professor, Ph.D., University of Wisconsin, 1968  
 Trimble, Russell F., Professor, Ph.D., Massachusetts Institute of Technology, 1948  
 Tyrell, James, Associate Professor, Ph.D., University of Glasgow, Scotland, 1963  
 Wotiz, John H., Professor, Ph.D., Ohio State University, 1948

### **Cinema and Photography** (College of Communications and Fine Arts)

Blumenberg, Richard M., Assistant Professor, Ph.D., Ohio University, 1969  
 Davis, Robert E., *Chairman* and Associate Professor, Ph.D., University of Iowa, 1965  
 Gilmore, David A., Assistant Professor, M.F.A., Ohio University, 1969  
 Horrell, C. William, Professor, Ed.D., Indiana University, 1955  
 Mercer, John, Professor, Ph.D., University of Nebraska, 1952  
 Swedlund, Charles A., Assistant Professor, M.S., Illinois Institute of Technology, 1958

### **Clothing and Textiles** (College of Human Resources)

Berry, Thelma H., Professor, Ed.D., Columbia University, 1963  
 Friend, Shirley, *Chairman* and Associate Professor, Ed.D., University of Arkansas, 1969  
 Padgett, Rose, Professor, Ph.D., Purdue University, 1955

### **Community Development** (College of Human Resources)

Bhattacharyya, Jnan, Assistant Professor, Ph.D., University of Delhi, India, 1969  
 Delaney, H. Richard, Associate Professor, Ph.D., University of Missouri, 1967  
 Knittle, Robert E., Research Associate, Ph.D., Southern Illinois University, 1967  
 Poston, Richard, Research Professor, B.A., University of Montana, 1940  
 Thomas, Richard M., Professor, D.Ed., University of California, Los Angeles, 1961  
 Voth, Donald E., Assistant Professor, Ph.D., Cornell University, 1969  
 Wakeley, Raymond E., Professor Emeritus, Ph.D., Cornell University, 1928

### **Computer Science** (College of Liberal Arts)

Bahr, Knut A., Lecturer, D. Eng., University of Darmstadt, Germany, 1964  
 Chaffee, Norman F., Assistant Professor, Ph.D., Pennsylvania State University, 1970  
 Danhof, Kenneth J., Assistant Professor, Ph.D., Purdue University, 1969  
 Guha, Ratan K., Assistant Professor, Ph.D., University of Texas, 1970  
 Mark, Abraham M., *Chairman* and Professor, Ph.D., Cornell University, 1947  
 Wright, William E., Assistant Professor, D.Sc., Washington University, 1972

### **Design** (College of Human Resources)

Ashworth, Robert, Assistant Professor, Ph.D., Southern Illinois University, 1972  
 Bender, Henry, Associate Professor, Ph.D., New York University, 1970

Ellner, Jack R., Professor, Ph.D., New York University, 1969  
 Fetter, William, *Chairman* and Lecturer, B.A., University of Illinois, 1952  
 Grosowsky, Harold, Lecturer (no degree listed)  
 Jerome, Michael, Lecturer, B.Arch., University of Capetown, South Africa, 1952  
 Johnson, Vern H., Lecturer, M.S., Southern Illinois University, 1962  
 Perk, H. F. William, Lecturer, A.B., University of California, Los Angeles, 1951  
 Pratt, Davis J., Lecturer (no degree listed)  
 Pratt, Elsa Kula, Lecturer (no degree listed)  
 Roan, Herbert, Lecturer (no degree listed)

### **Economics (School of Business)**

Adams, Donald R., Jr., Associate Professor, Ph.D., University of Pennsylvania, 1967  
 Batra, Raveendra, Assistant Professor, Ph.D., Southern Illinois University, 1969  
 Blackorby, Charles, Associate Professor, Ph.D., Johns Hopkins University, 1967  
 Bohi, Douglas Ray, Associate Professor, Ph.D., Washington State University, 1967  
 Bunker, Byron M., Assistant Professor, Ph.D., University of Colorado, 1969  
 Cornwall, John L., Professor, Ph.D., Harvard University, 1958  
 Edelman, Milton T., Professor, Ph.D., University of Illinois, 1951  
 Ellis, Dennis F., Assistant Professor, Ph.D., Wayne State University, 1972  
 Foran, Terry G., Assistant Professor, Ph.D., Pennsylvania State University, 1970  
 Fryman, Richard Felix, Associate Professor, Ph.D., University of Illinois, 1967  
 Hickman, C. Addison, Professor, Ph.D., University of Iowa, 1942  
 Layer, Robert G., *Chairman* and Professor, Ph.D., Harvard University, 1952  
 Martinsek, Thomas A., Professor, Ph.D., Ohio State University, 1956  
 Pulsipher, Allan G., Associate Professor, Ph.D., Tulane University, 1971  
 Russell, Milton R., Professor, Ph.D., University of Oklahoma, 1963  
 Stalon, Charles G., Associate Professor, Ph.D., Purdue University, 1966  
 Stowe, Peter Skinner, Assistant Professor, Ph.D., Purdue University, 1969  
 Wiegand, G. Carl, Professor, Ph.D., Northwestern University, 1950

### **Educational Administration and Foundations (College of Education)**

Armistead, Fred J., Professor, Ph.D., University of California, 1960  
 Bach, Jacob O., Professor, Ph.D., University of Wisconsin, 1951  
 Bracewell, George, Professor, Ed.D., Washington University, 1952  
 Cruce, Donald G., Assistant Professor, Ed.D., Utah State University, 1971  
 Dennis, Lawrence J., Assistant Professor, Ph.D., Southern Illinois University, 1968  
 Dey, Raymond H., Professor, Ed.D., Washington University, 1952  
 Fishback, Woodson W., Associate Professor, Ph.D., University of Chicago, 1947  
 Jacobs, Robert, Professor, D.Ed., Wayne State University, 1949  
 Kaiser, Dale E., Associate Professor, Ph.D., University of Illinois, 1963  
 Lean, Arthur E., Professor, Ph.D., University of Michigan, 1948  
 McKenzie, William R., Professor, Ed.D., University of Denver, 1953  
 Moore, Malvin Jr., Professor, Ed.D., George Peabody College for Teachers, 1959  
 Parker, James C., Assistant Professor, Ed.D., University of Tennessee, 1971  
 Sasse, Edward B., *Chairman* and Associate Professor, Ph.D., University of Wisconsin, 1966  
 Sealey, Ronald W., Associate Professor, Ph.D., Syracuse University, 1971  
 Shelton, William E., Associate Professor, Ph.D., University of Chicago, 1950  
 Stuck, Dean L., Associate Professor, Ph.D., Iowa State University, 1968  
 Wohlwend, Herbert W., Associate Professor, Ph.D., Southern Illinois University, 1964

### **Electrical Sciences and Systems Engineering (School of Engineering and Technology)**

Dodd, Curtis W., Associate Professor, Ph.D., Arizona State University, 1968  
 Dunning, E. Leon, Professor, Ph.D., University of Houston, 1967



Feiste, Vernold K., Associate Professor, Ph.D., University of Missouri, 1966  
 Grismore, F. Lee, Jr., Associate Professor, Ph.D., Georgia Institute of Technology, 1970  
 McCalla, Thomas M., Assistant Professor, Ph.D., Case Western Reserve University, 1965  
 Pearson, Sonny W., Assistant Professor, Ph.D., University of Arkansas, 1968  
 Smith, James G., *Chairman* and Professor, Ph.D., University of Missouri (Rolla), 1967

### Elementary Education (College of Education)

Beattie, Ian D., Associate Professor, Ph.D., Southern Illinois University, 1969  
 Bradfield, Luther E., *Chairman* and Associate Professor, Ed.D., Indiana University, 1953  
 Brod, Ernest E., Professor, D.Ed., Colorado State College of Education, 1953  
 Fishco, Daniel T., Associate Professor, D.Ed., Lehigh University, 1966  
 Hill, Margaret K., Professor, Ed.D., Boston University, 1948  
 Hungerford, Harold R., Assistant Professor, Ph.D., Southern Illinois University, 1970  
 Lamb, Morris L., Assistant Professor, D.Ed., University of Oklahoma, 1970  
 Lee, J. Murray, Professor, Ph.D., Columbia University, 1934  
 Lindberg, Dormalee H., Assistant Professor, Ed.D., University of Missouri, 1969  
 Malone, Willis E., Professor, Ph.D., Ohio State University, 1950  
 Matthias, William, Jr., Associate Professor, Ed.D., University of Illinois, 1964  
 Paige, Donald D., Associate Professor, Ed.D., Indiana University, 1966  
 Quisenberry, Nancy L., Assistant Professor, Ed.D., Indiana University, 1971  
 Randolph, Victor, Professor, Ph.D., George Peabody College for Teachers, 1942  
 Shepherd, Terry R., Assistant Professor, Ph.D., University of Illinois, 1971  
 Sloan, Fred A., Professor, Ed.D., George Peabody College for Teachers, 1959  
 Swick, Kevin, Assistant Professor, Ph.D., University of Connecticut, 1970  
 Verduin, John R. Jr., Professor, Ph.D., Michigan State University, 1962

### Engineering Mechanics and Materials (School of Engineering and Technology)

Al-Rubayi, Najim, Associate Professor, Ph.D., University of Wisconsin, 1966  
 Davis, Philip K., *Chairman* and Professor, Ph.D., University of Michigan, 1963  
 Evers, James L., Assistant Professor, Ph.D., University of Alabama, 1969  
 Nowacki, C. Raymond, Associate Professor, Ph.D., University of Illinois, 1965  
 Sami, Sedat, Professor, Ph.D., University of Iowa, 1966  
 Orthwein, William C., Professor, Ph.D., University of Michigan, 1959

### English (College of Liberal Arts)

Appleby, Bruce C., Associate Professor, Ph.D., University of Iowa, 1967  
 Benziger, James G., Professor, Ph.D., Princeton University, 1941  
 Botts, Roderic C., Assistant Professor, Ph.D., Northwestern University, 1970  
 Boyle, Ted R., Professor, Ph.D., University of Nebraska, 1962  
 Brown, William J., Assistant Professor, Ph.D., Duke University, 1966  
 Cohn, Alan M., Professor, A.M., Washington University, 1950  
 Donow, Herbert, Assistant Professor, Ph.D., University of Iowa, 1966  
 Epstein, Edmund L., Professor, Ph.D., Columbia University, 1967  
 Evans, William H., Professor, D.Ed., Florida State University, 1961  
 Friend, Jewell A., Assistant Professor, Ph.D., Southern Illinois University, 1970  
 Gardner, John C., Professor, Ph.D., University of Iowa, 1958  
 Goodin, George, Associate Professor, Ph.D., University of Illinois, 1962  
 Griffin, Robert P., Associate Professor, Ph.D., University of Connecticut, 1965  
 Hatton, Thomas J., Associate Professor, Ph.D., University of Nebraska, 1966  
 Hillegas, Mark, Professor, Ph.D., Columbia University, 1957  
 Howell, John M., Associate Professor, Ph.D., Tulane University, 1963  
 Hurley, Paul, Professor, Ph.D., Duke University, 1962  
 Kvernes, David M., Assistant Professor, Ph.D., University of Minnesota, 1967  
 Lawson, Richard A., Associate Professor, Ph.D., Tulane University, 1966  
 Leonard, John J., Associate Professor, M.A., University of Iowa, 1941

Morrill, Paul H., Associate Professor, Ph.D., Northwestern University, 1956  
 Moore, Harry T., Research Professor, Ph.D., Boston University, 1951  
 Moss, Sidney P., Professor, Ph.D., University of Illinois, 1954  
 Partlow, Robert B. Jr., Professor, Ph.D., Harvard University, 1955  
 Peterson, Richard F., Assistant Professor, Ph.D., Kent State University, 1969  
 Piper, Henry Dan, Professor, Ph.D., University of Pennsylvania, 1950  
 Rainbow, Raymond S., Associate Professor, Ph.D., University of Chicago, 1959  
 Raizis, Byron, Associate Professor, Ph.D., New York University, 1966  
 Rudnick, Hans, Assistant Professor, Ph.D., University of Freiburg, Germany, 1967  
 Schonhorn, Manuel, Associate Professor, Ph.D., University of Pennsylvania, 1963  
 Schultz, Howard, Professor, Ph.D., Harvard University, 1940  
 Simeone, William E., *Chairman* and Professor, Ph.D., University of Pennsylvania, 1950  
 Stibitz, Earle, Professor, Ph.D., University of Michigan, 1951  
 Taylor, Larry E., Associate Professor, Ph.D., University of Oklahoma, 1969  
 Tenney, Charles, University Professor, Ph.D., University of Oregon, 1931  
 Vieth, David M., Professor, Ph.D., Yale University, 1953  
 Webb, Howard W. Jr., Professor, Ph.D., University of Iowa, 1953

### **Family Economics and Management** (College of Human Resources)

Brooks, Thomas M., Professor, Ph.D., Pennsylvania State University, 1961  
 Craig, Karen E., *Chairman* and Assistant Professor, Ph.D., Purdue University, 1969

### **Finance** (School of Business)

Elsaid, Hussein, Associate Professor, Ph.D., University of Illinois, 1968  
 Sprecher, Ronald, Assistant Professor, Ph.D., University of Illinois, 1969  
 Vaughn, Donald Earl, Professor, Ph.D., University of Texas, 1961  
 Waters, Gola, Associate Professor, Ph.D., Southern Illinois University, 1970  
 Winn, Edward L., *Chairman* and Professor, D.B.A., Indiana University, 1965

### **Food and Nutrition** (College of Human Resources)

Harper, Jennie M., Professor, Ph.D., Cornell University, 1941  
 Konishi, Frank, *Chairman* and Professor, Ph.D., Cornell University, 1958  
 Payne, Irene A., Associate Professor, Ph.D., Cornell University, 1960  
 Wolfe, Pohle, Associate Professor, A.M., University of Northern Colorado, 1964

### **Foreign Languages** (College of Liberal Arts)

Anderson, Keith, Assistant Professor, Ph.D., University of Colorado, 1970  
 Anderson, Vernon L., Associate Professor, Ph.D., Stanford University, 1954  
 Bork, A. W., Professor, Doctor en Letras, National University of Mexico, 1944  
 Canfield, D. Lincoln, Visiting Professor, Ph.D., Columbia University, 1934  
 Chen, Ching-ho, Professor, Litt.D., Keio University, Tokyo, Japan, 1966  
 French, Howard, Associate Professor, Ph.D., Indiana University, 1952  
 Gobert, David L., Professor, Ph.D., University of Iowa, 1960  
 Hartman, Steven Lee, Assistant Professor, Ph.D., University of Wisconsin, 1971  
 Hartwig, Hellmut A., Professor, Ph.D., University of Illinois, 1943  
 Hoach, Nguyen K., Professor, Doctorat Es Lettres, Sorbonne, Paris, France, 1955  
 Kilker, James, Associate Professor, Ph.D., University of Missouri, 1961  
 Kupcek, Joseph R., Professor, Ph.D., University of Bratislava, Czechoslovakia, 1943  
 Liedloff, Helmut, Associate Professor, Ph.D., Philipps University, Germany, 1956  
 McBride, Charles, Associate Professor, Ph.D., University of Texas, 1968  
 Meinhardt, Warren L., Assistant Professor, Ph.D., University of California, Berkeley, 1960



O'Brien, Joan V., Assistant Professor, Ph.D., Fordham University, 1961  
 O'Meara, Maurice, Assistant Professor, Ph.D., University of Iowa, 1967  
 Orehwa, Olga, Assistant Professor, Ph.D., Ukrainian Free University, Germany, 1970  
 Shankovsky, Igor, Assistant Professor, Ph.D., Ukrainian Free University, Germany, 1968  
 Southworth, Marie-Jose, Assistant Professor, Ph.D., University of Pennsylvania, 1970  
 Speck, Charles, Assistant Professor, Laurea in Diritto Canonico, Pontifical Lateran U., Italy, 1963  
 Tai, James H-Y, Assistant Professor, Ph.D., Indiana University, 1970  
 Timpe, Eugene, *Chairman* and Professor, Ph.D., University of Southern California, 1960  
 Ulner, Arnold R., Assistant Professor, Ph.D., University of Missouri, 1972  
 Vogely, Maxine, Assistant Professor, Ph.D., University of Illinois, 1969  
 Woodbridge, Hensley C., Professor, M.S.L.S., University of Illinois, 1951

### Forestry (School of Agriculture)

Andresen, John W., Professor, Ph.D., Rutgers University, 1959  
 Bey, Calvin F., Adjunct Assistant Professor, Ph.D., Iowa State University, 1970  
 Budelsky, Carl A., Assistant Professor, Ph.D., University of Arizona, 1969  
 Chapman, Arthur G., Adjunct Professor, Ph.D., Ohio State University, 1933  
 Chen, Peter, Adjunct Assistant Professor, Ph.D., University of Minnesota, 1968  
 Chilman, Kenneth C., Associate Professor, Ph.D., University of Michigan, 1972  
 Ferrell, Raymond S., Assistant Professor, Ph.D., Iowa State University, 1970  
 Fralish, James S., Assistant Professor, Ph.D., University of Wisconsin, 1970  
 Funk, David, Adjunct Assistant Professor, Ph.D., Michigan State University, 1971  
 Hatch, Charles R., Assistant Professor, Ph.D., University of Wisconsin, 1971  
 Losche, Craig K., Adjunct Associate Professor, Ph.D., North Carolina State University, 1967  
 McCurdy, Dwight R., Associate Professor, Ph.D., Ohio State University, 1964  
 Moslemi, Ali A., *Acting Chairman* and Associate Professor, Ph.D., Michigan State University, 1964  
 Phares, Robert, Adjunct Associate Professor, Ph.D., Iowa State University, 1964  
 Rosen, Howard N., Adjunct Assistant Professor, Ph.D., Northwestern University, 1969  
 Roth, Paul L., Assistant Professor, Ph.D., Kansas State University, 1968  
 Weaver, George T., Assistant Professor, Ph.D., University of Tennessee, 1972  
 Yambert, Paul A., Professor, Ph.D., University of Michigan, 1961

### Geography (College of Liberal Arts)

Arey, David G., Associate Professor, Ph.D., Clark University, 1969  
 Baumann, Duane D., Associate Professor, Ph.D., Clark University, 1968  
 Beazley, Ronald I., Professor, Ph.D., Purdue University, 1954  
 Carter, Douglas B., *Chairman* and Professor, Ph.D., University of Washington, 1957  
 Christensen, David E., Professor, Ph.D., University of Chicago, 1956  
 Irwin, Daniel R., Assistant Professor, Ph.D., Syracuse University, 1972  
 Jones, David L., Professor, Ph.D., Pennsylvania State University, 1960  
 Pennington, Campbell, Professor, Ph.D., University of California, Berkeley, 1959  
 Sharpe, David M., Associate Professor, Ph.D., Southern Illinois University, 1968  
 Thomas, Frank, Professor, Ph.D., Northwestern University, 1960

### Geology (College of Science)

Cohen, Arthur, Assistant Professor, Ph.D., Pennsylvania State University, 1968  
 Davis, Richard, Assistant Professor, Ph.D., University of Arizona, 1967  
 Dutcher, Russell, *Chairman* and Professor, Ph.D., Pennsylvania State University, 1960  
 Ethridge, Frank, Assistant Professor, Ph.D., Texas A. & M. University, 1970  
 Fang, Jen-Ho, Professor, Ph.D., Pennsylvania State University, 1961

Frauenfelder, George, Associate Professor, Ph.D., University of Missouri, 1964  
 Harris, Stanley E. Jr., Professor, Ph.D., University of Iowa, 1947  
 Hood, William C., Associate Professor, Ph.D., Montana State University, 1964  
 Ritter, Dale F., Professor, Ph.D., Princeton University, 1964  
 Robinson, Paul D., Instructor, M.S., Southern Illinois University, 1963  
 Utgaard, John E., Associate Professor, Ph.D., Indiana University, 1963

### Government (College of Liberal Arts)

Alexander, Orville, Professor, Ph.D., University of Iowa, 1936  
 Baker, John H., Associate Professor, Ph.D., Princeton University, 1961  
 Chou, Ikua, Professor, Ph.D., Fletcher School of Law and Diplomacy, 1949  
 Dale, Richard, Associate Professor, Ph.D., Princeton University, 1962  
 Dreher, Robert, Associate Professor, LL.B., University of Illinois, 1940  
 Derge, David R., Professor, Ph.D., Northwestern University, 1955  
 Everson, David, Assistant Professor, Ph.D., Indiana University, 1969  
 Garner, William, Associate Professor, Ph.D., Tulane University, 1963  
 Goodsell, Charles T., Professor, Ph.D., Harvard University, 1961  
 Hanson, Earl, Professor, Ph.D., University of Illinois, 1948  
 Hardenberg, William S., Associate Professor, Ph.D., University of Illinois, 1954  
 Jackson, John S. III, Assistant Professor, Ph.D., Vanderbilt University, 1971  
 Jacobini, Horace B., Professor, Ph.D., University of Kansas, 1951  
 Kamarasy, Egon K., Assistant Professor, Doctor Politices, Budapest University, Hungary, 1942  
 Kenney, David, Professor, Ph.D., University of Illinois, 1952  
 Klingberg, Frank L., Professor, Ph.D., University of Chicago, 1938  
 Landecker, Manfred, Associate Professor, Ph.D., Johns Hopkins University, 1965  
 Long, Samuel, Assistant Professor, B.S., University of Illinois, 1950  
 Mace, George R., Associate Professor, Ph.D., Claremont Graduate School, 1963  
 Miller, Roy E., Assistant Professor, Ph.D., University of Illinois, 1971  
 McGrath, Robert A., Professor, Ph.D., University of Iowa, 1947  
 Morris, Milton, Assistant Professor, Ph.D., University of Maryland, 1970  
 Morton, Ward M., Professor, Ph.D., University of Texas, 1941  
 Nelson, Randall H., *Chairman* and Professor, Ph.D., University of Michigan, 1956  
 Paine, Joann, Associate Professor, Ph.D., University of Oregon, 1967  
 Ridgeway, Marion, Professor, Ph.D., University of Illinois, 1952  
 Sappenfield, Max W., Professor, Ph.D., University of Illinois, 1935  
 Shade, William, Assistant Professor, Ph.D., University of Florida, 1971  
 Stauber, Leland G., Associate Professor, Ph.D., Harvard University, 1964  
 Turner, Max W., Professor, Ph.D., University of Iowa, 1947  
 VanDerSlik, Jack R., Associate Professor, Ph.D., Michigan State University, 1967  
 Wasby, Stephen L., Associate Professor, Ph.D., University of Oregon, 1962

### Guidance and Educational Psychology (College of Education)

Altekruse, Michael K., Associate Professor, Ed.D., Indiana University, 1967  
 Amble, Bruce R., Associate Professor, Ph.D., University of Iowa, 1963  
 Beggs, Donald L., Professor, Ph.D., University of Iowa, 1966  
 Bradley, Richard, Associate Professor, Ph.D., University of Wisconsin, 1968  
 Cody, John J., *Chairman* and Professor, Ph.D., University of Wisconsin, 1961  
 Deichmann, John, Assistant Professor, Ph.D., St. Louis University, 1969  
 DeWeese, Harold, Professor, D.Ed., University of Illinois, 1959  
 Elmore, Patricia B., Assistant Professor, Ph.D., Southern Illinois University, 1970  
 Evans, John R., Assistant Professor, Ph.D., Southern Illinois University, 1968  
 Graff, Robert W., Associate Professor, Ed.D., State University of New York at Buffalo, 1968  
 Grenfell, John E., Professor, Ed.D., Oregon State University, 1966  
 Kelly, Francis J., Professor, Ph.D., University of Notre Dame, 1963  
 Lewis, Ernest, Assistant Professor, Ph.D., Southern Illinois University, 1971  
 Lindsey, Jefferson F., Jr., Professor, Ed.D., University of Texas, 1962  
 McNeil, Keith Alan, Associate Professor, Ph.D., University of Texas, 1967  
 Meek, Clinton R., Professor, Ph.D., George Peabody College for Teachers, 1954



Miles, David, Assistant Professor, Ph.D., Southern Illinois University, 1967  
Miller, William G., Associate Professor, Ph.D., University of Iowa, 1967  
Mouw, John T., Associate Professor, Ed.D., University of South Dakota, 1968  
Rector, Alice, Associate Professor, Ed.D., Washington University, 1953  
Renzaglia, Guy A., Professor, Ph.D., University of Minnesota, 1952  
Tyler, Thomas A., Associate Professor, Ph.D., University of Chicago, 1968  
White, Gordon W., Assistant Professor, Ph.D., University of Iowa, 1969  
Williams, Reed G., Assistant Professor, Ph.D., Indiana University, 1970  
Yates, J. W., Professor, Ed.D., University of Missouri, 1951

### **Health Education (College of Education)**

Aaron, James E., Associate Professor, Ed.D., New York University, 1960  
Amadio, John B., Assistant Professor, Ph.D., University of Oklahoma, 1970  
Boydston, Donald N., *Chairman* and Professor, D.Ed., Columbia University, 1949  
Casey, Leslie R., Associate Professor, Ed.D., Columbia University, 1956  
Grissom, Deward, Professor, D.Ed., Columbia University, 1952  
Harris, Eileen, Assistant Professor, Ph.D., Southern Illinois University, 1970  
LeFevre, John R., Professor, D.Ed., Columbia University, 1950  
Richardson, Charles E., Professor, Ed.D., University of California, Los Angeles, 1959  
Ritzel, Dale O., Assistant Professor, Ph.D., Southern Illinois University, 1970  
Russell, Robert D., Professor, Ed.D., Stanford University, 1954  
Smith, Donald L., Assistant Professor, Ph.D., Michigan State University, 1971  
Vaughan, Andrew T., Professor, D.Ed., Columbia University, 1958  
Vincent, Raymond J., Associate Professor, Ph.D., Southern Illinois University, 1968

### **Higher Education (College of Education)**

Caldwell, Oliver J., Professor, A.M., Oberlin College, 1927  
Casebeer, Arthur, Associate Professor, Ed.D., Oregon State University, 1963  
Clark, Elmer J., Professor, Ph.D., University of Michigan, 1949  
Davis, I. Clark, Professor, Ed.D., Indiana University, 1956  
Graham, Jack W., Professor, Ph.D., Purdue University, 1965  
Hawley, John, Professor, Ph.D., University of Michigan, 1957  
Jung, Loren B., Associate Professor, Ph.D., Southern Illinois University, 1969  
Keene, Roland, Associate Professor, Ed.D., Washington University, 1962  
King, John, *Chairman* and Professor, Ph.D., Cornell University, 1941  
Swinburne, Bruce, Assistant Professor, Ed.D., Indiana University, 1970  
Tolle, Donald J., Professor, D.Ed., Florida State University, 1957  
Zimmerman, Elwyn, Assistant Professor, Ph.D., Michigan State University, 1963

### **History (College of Liberal Arts)**

Adams, George W., Professor, Ph.D., Harvard University, 1946  
Allen, Howard, Associate Professor, Ph.D., University of Washington, 1959  
Ammon, Harry, Professor, Ph.D., University of Virginia, 1948  
Barton, H. Arnold, Associate Professor, Ph.D., Princeton University, 1962  
Batinski, Michael, Assistant Professor, Ph.D., Northwestern University, 1969  
Brehm, Donald L., Assistant Professor, Ph.D., St. Louis University, 1968  
Carrott, M. Browning, *Chairman* and Associate Professor, Ph.D., Northwestern University, 1966  
Cherry, George L., Professor, Ph.D., Northwestern University, 1938  
Clifford, John, Associate Professor, Ph.D., University of Iowa, 1954  
Conrad, David E., Associate Professor, Ph.D., University of Oklahoma, 1962  
Detwiler, Donald, Associate Professor, Ph.D., Göttingen University, Germany, 1961  
Dotson, John E., Assistant Professor, Ph.D., Johns Hopkins University, 1969  
Fladeland, Betty, Professor, Ph.D., University of Michigan, 1952  
Gardiner, C. Harvey, Research Professor, Ph.D., University of Michigan, 1945  
Gold, Robert, Associate Professor, Ph.D., University of Iowa, 1964  
McFarlin, Harold, Assistant Professor, Ph.D., Indiana University, 1971

Murphy, James B., Assistant Professor, Ph.D., Louisiana State University and A. & M. College, 1968  
 O'Day, Edward, Instructor, A.M., Indiana University, 1956  
 Shelby, Lonnie R., Professor, Ph.D., University of North Carolina, 1962  
 Simon, John Y., Professor, Ph.D., Harvard University, 1961  
 Trani, Eugene P., Associate Professor, Ph.D., Indiana University, 1966  
 Vyverberg, Henry S., Associate Professor, Ph.D., Harvard University, 1950  
 Werlich, David P., Assistant Professor, Ph.D., University of Minnesota, 1968  
 Wu, Tien-Wei, Associate Professor, Ph.D., University of Maryland, 1964  
 Zucker, Stanley, Assistant Professor, Ph.D., University of Wisconsin, 1968

### Home Economics Education (College of Education)

Carter, Rose Mary, Assistant Professor, Ph.D., Purdue University, 1970  
 Eddleman, Edna Jacqueline, Assistant Professor, Ph.D., Southern Illinois University, 1970  
 Fults, Anna Carol, *Chairman* and Professor, Ph.D., Ohio State University, 1946  
 Keenan, Dorothy, Professor, D.Ed., University of Illinois, 1962

### Instructional Materials (College of Education)

Bauner, Ruth, Associate Professor, M.S., University of Illinois, 1956  
 Butts, Gordon K., *Chairman* and Professor, Ed.D., Indiana University, 1956  
 Dale, Doris, Assistant Professor, D.L.S., Columbia University, 1968  
 Fletcher, Kathleen, Associate Professor, M.S., University of Illinois, 1947  
 Ingli, Donald A., Associate Professor, Ph.D., University of Wisconsin, 1961  
 Jurgemeyer, Frederick, Assistant Professor, D.Ed., University of Oklahoma, 1970  
 Charles Klasek, Assistant Professor, Ph.D., University of Nebraska, 1971  
 Spigle, Irving, Associate Professor, Ed.D., Indiana University, 1955  
 Planinc, Carl, Assistant Professor, Ed.D., Indiana University, 1967  
 Wendt, Paul R., Professor, Ph.D., University of Minnesota, 1948  
 Winsor, Donald, Associate Professor, Ed.D., University of Florida, 1961

### Interior Design (College of Human Resources)

Lougeay, Paul, *Chairman* and Associate Professor, B.S., University of Illinois, 1950  
 Stewart, Lucy, Assistant Professor, M.S., Southern Illinois University, 1964

### Journalism (College of Communications and Fine Arts)

Atwood, Erwin, Associate Professor, Ph.D., Johns Hopkins University, 1965  
 Brown, George C., Associate Professor, Ph.D., Southern Illinois University, 1963  
 Chu, Godwin, Professor, Ph.D., Stanford University, 1964  
 Ford, James L. C., Professor, Ph.D., University of Minnesota, 1948  
 Grotta, Gerald, Associate Professor, Ph.D., Southern Illinois University, 1970  
 Gruny, C. Richard, Assistant Professor, L.L.B., University of Illinois, 1959  
 Hart, Jim A., Professor, Ph.D., University of Missouri, 1959  
 Lawhorne, Clifton O., Associate Professor, Ph.D., Southern Illinois University, 1968  
 Long, Howard R., Professor, Ph.D., University of Missouri, 1948  
 Lowry, Dennis T., Assistant Professor, Ph.D., University of Iowa, 1972  
 McCoy, Ralph, Professor, Ph.D., University of Illinois, 1956  
 Rice, W. Manion, Associate Professor, Ph.D., Southern Illinois University, 1967  
 Rimerman, Marvin, Assistant Professor, D.S.Sc., Syracuse University, 1965  
 Rucker, Bryce, *Director* and Professor, Ph.D., University of Missouri, 1959  
 Stonecipher, Harry, Assistant Professor, Ph.D., Southern Illinois University, 1971  
 Van Turbergen, G. Norman, Assistant Professor, Ph.D., University of Iowa, 1968

### Linguistics (College of Liberal Arts)

Carrell, Patricia, Associate Professor, Ph.D., University of Texas, 1968



Gilbert, Glenn G., Associate Professor, Ph.D., Harvard University, 1963  
 Hoa, Nguyen Dinh, Professor, Ph.D., New York University, 1956  
 Katranides, Aristotle, Assistant Professor, Ph.D., Indiana University, 1965  
 Parish, Charles, Professor, Ph.D., University of New Mexico, 1965  
 Redden, James, *Chairman* and Professor, Ph.D., Indiana University, 1965

### Marketing (School of Business)

Adams, Kendall, Professor, Ph.D., Michigan State University, 1962  
 Andersen, R. Clifton, Professor, D.B.A., Indiana University, 1960  
 Dommermuth, William, *Chairman* and Professor, Ph.D., Northwestern University, 1964  
 Hindersman, Charles H., Professor, D.B.A., Indiana University, 1959  
 James, Donald, Assistant Professor, D.B.A., University of Colorado, 1970  
 Moore, James R., Assistant Professor, Ph.D., University of Illinois, 1972  
 Perry, Donald, Associate Professor, Ph.D., University of Illinois, 1966  
 Powell, Andrew, Associate Professor, Ph.D., University of Michigan, 1968

### Mathematics (College of Liberal Arts)

Artemiadis, Nicholas, Professor, Docteur ès Sciences, University of Paris, France, 1957  
 Baartmans, Alphonso, Assistant Professor, Ph.D., Michigan State University, 1967  
 Biesterfeldt, Herman, Associate Professor, Ph.D., Pennsylvania State University, 1963  
 Bouwsma, Ward D., Associate Professor, Ph.D., University of Michigan, 1962  
 Burton, Theodore, Professor, Ph.D., Washington State University, 1964  
 Crenshaw, James, Assistant Professor, Ph.D., University of Illinois, 1967  
 Danhof, Kenneth, Assistant Professor, Ph.D., Purdue University, 1969  
 Foland, Neal E., *Chairman* and Professor, Ph.D., University of Missouri, 1961  
 Gates, Leslie D., Associate Professor, Ph.D., Iowa State University, 1952  
 Gregory, John, Assistant Professor, Ph.D., University of California, Los Angeles, 1969  
 Grimmer, Ronald, Associate Professor, Ph.D., University of Iowa, 1967  
 Hooker, John, Assistant Professor, Ph.D., University of Oklahoma, 1967  
 Hunsaker, Worthen, Assistant Professor, Ph.D., Washington State University, 1966  
 Kammler, David, Assistant Professor, Ph.D., University of Michigan, 1971  
 Kirk, Ronald, Assistant Professor, Ph.D., California Institute of Technology, 1968  
 Koch, Charles F., Assistant Professor, Ph.D., University of Illinois, 1961  
 Kuipers, Lauwerens, Professor, D.Sc., Free University, Amsterdam, the Netherlands, 1947  
 Langenhop, Carl E., Professor, Ph.D., Iowa State University, 1948  
 Maxwell, Charles N., Professor, Ph.D., University of Illinois, 1955  
 Millman, Richard, Assistant Professor, Ph.D., Cornell University, 1971  
 Moore, Robert A., Associate Professor, Ph.D., Indiana University, 1962  
 Nathanson, Melvyn, Assistant Professor, Ph.D., University of Rochester, 1971  
 Niederreiter, Harald, Associate Professor, Ph.D., University of Vienna, Austria, 1969  
 Olmsted, John M. H., Professor, Ph.D., Princeton University, 1940  
 Paine, Thomas, Assistant Professor, Ph.D., University of Oregon, 1966  
 Panchapakansan, Sub, Assistant Professor, Ph.D., Purdue University, 1969  
 Parker, George, Assistant Professor, Ph.D., University of California, San Diego, 1971  
 Patula, William, Assistant Professor, Ph.D., Carnegie-Mellon University, 1971  
 Pedersen, Franklin, Assistant Professor, Ph.D., Tulane University, 1967  
 Pedersen, Katherine, Assistant Professor, Ph.D., Tulane University, 1969  
 Seldin, Jonathan, Assistant Professor, D.Math, University of Amsterdam, The Netherlands, 1968  
 Shock, Robert C., Assistant Professor, Ph.D., University of North Carolina, 1969  
 Skalsky, Michael, Professor, Doctor of Natural Sciences, University of Göttingen, Germany, 1949  
 Snyder, Herbert H., Professor, Ph.D., Lehigh University, 1965

- Starks, Thomas H., Associate Professor, Ph.D., Virginia Polytechnic Institute, 1959  
 Townsend, Carl G., Associate Professor, Ph.D., Washington State University, 1965  
 Wilson, Joseph C., Professor, Ph.D., Louisiana State University, 1954  
 Wong, Chi Song, Assistant Professor, Ph.D., University of Illinois, 1969

### Microbiology (College of Science)

- Gilmore, Richard, Assistant Professor, Ph.D., University of California, Berkeley, 1966  
 Lindegren, Carl C., Emeritus, Professor, Ph.D., California Institute of Technology, 1931  
 McLary, Dan O., Assistant Professor, Ph.D., Washington University, St. Louis, Mo.  
 Ogur, Maurice, *Chairman* and Professor, Ph.D., Columbia University, 1948  
 Rouhandeh, Hassan, Professor, Ph.D., Kansas State University, 1959  
 Schechmeister, Isaac L., Associate Professor, Ph.D., University of California, Berkeley, 1949

### Molecular Science (Graduate School)

- Amoros, J. L., Professor, Ph.D., University of Madrid, Spain, 1945  
 Beers, B. L., Assistant Professor, Ph.D., University of Maryland, 1970  
 Borst, W. L., Assistant Professor, Ph.D., University of California, Berkeley, 1968  
 Carrell, J. C., Assistant Professor, Ph.D., University of Texas, 1968  
 Chang-Fang, C. C., Assistant Professor, Ph.D., Duke University, 1961  
 Chen, J. W., Professor, Ph.D., University of Illinois, 1959  
 Cutnell, J. D., Assistant Professor, Ph.D., University of Wisconsin, 1967  
 Davis, P. K., Professor, Ph.D., University of Michigan, 1963  
 Davis, R. W., Assistant Professor, Ph.D., University of Arizona, 1967  
 Dunagan, T. T., Professor, Ph.D., Purdue University, 1960  
 Fang, J. H., Professor, Ph.D., Pennsylvania State University, 1961  
 Feiste, V. K., Associate Professor, Ph.D., University of Missouri, 1966  
 Foglio, M. E., Associate Professor, Ph.D., University of Bristol, England, 1962  
 Grismore, F. L., Associate Professor, Ph.D., Georgia Institute of Technology, 1970  
 Gruber, B. J., Professor, Ph.D., University of Vienna, Austria, 1962  
 Haas, H. J., Professor, Ph.D., University of Göttingen, Germany, 1954  
 Hadler, H. I., Associate Professor, Ph.D., University of Wisconsin, 1952  
 Henneberger, W. C., Professor, Ph.D., University of Göttingen, Germany, 1959  
 Hinckley, C. C., Associate Professor, Ph.D., University of Texas, 1964  
 Huang, H. W., Assistant Professor, Ph.D., Cornell University, 1967  
 Johnson, K. W., Assistant Professor, Ph.D., Ohio State University, 1967  
 Lauchner, J. W., Professor, Ph.D., University of Illinois, 1956  
 Marshall, L. C., Professor, Ph.D., University of California, Berkeley, 1929  
 Meyers, C. Y., Professor, Ph.D., University of Illinois, 1951  
 Musulin, B., Professor, Ph.D., Northwestern University, 1954  
 Nickle, H. H., Associate Professor, Ph.D., Columbia University, 1956  
 Pearson, E. F., Assistant Professor, Ph.D., Duke University, 1968  
 Richardson, A. W., Professor, Ph.D., University of Iowa, 1949  
 Sami, Sedat, Professor, Ph.D., University of Iowa, 1966  
 Sanders, F. C. Jr., Assistant Professor, Ph.D., University of Texas, 1968  
 Saporoschenko, M., Associate Professor, Ph.D., Washington University, 1958  
 Schlecht, R. G., Associate Professor, Ph.D., University of California, Berkeley, 1964  
 Smith, G. V., Associate Professor, Ph.D., University of Arkansas, 1959  
 Smith, J. G., Professor, Ph.D., University of Missouri (Rolla), 1967  
 Snyder, H. H., Professor, Ph.D., Lehigh University, 1965  
 Utgaard, J. E., Associate Professor, Ph.D., Indiana University, 1963  
 Watson, R. E., Professor, Ph.D., University of Illinois, 1932  
 Zimmerman, J. R., Professor, Ph.D., Ohio State University, 1949  
 Zitter, R. N., Professor, Ph.D., University of Chicago, 1962



**Music (College of Communications and Fine Arts)**

- Barwick, Steven, Professor, Ph.D., Harvard University, 1949  
 Bateman, Marianne Webb, Associate Professor, M.M., University of Michigan, 1959  
 Boe, John M., Associate Professor, Ph.D., Northwestern University, 1969  
 Bottje, Will Gay, Professor, A.Mus.D., Eastman School of Music, University of Rochester, 1955  
 Eddins, John, Assistant Professor, Ph.D., Florida State University, 1966  
 Floyd, Samuel A. Jr., Assistant Professor, Ph.D., Southern Illinois University, 1969  
 Gordon, Roderick, Professor, Ph.D., University of Wisconsin, 1953  
 Grizzel, Mary Jane, Assistant Professor, M.M., Eastman School of Music, University of Rochester, 1943  
 Hartline, Elizabeth, Assistant Professor, M.M., Northwestern University, 1936  
 House, Robert, *Director* and Professor, Ed.D., University of Illinois, 1954  
 Hussey, George, Associate Professor, M.A.Ed., Washington University, 1963  
 Intravaia, Lawrence, Associate Professor, D.M.A., Boston University, 1962  
 Kageff, Burt, Assistant Professor, A.M., University of Missouri, 1962  
 Kingsbury, Robert, Associate Professor, M.M., Northwestern University, 1952  
 Koenigstein, Nick, Assistant Professor, M.M., West Virginia University, 1956  
 Lawrence, Marjorie, Professor  
 McHugh, Catherine, Professor, Ed.D., Columbia University, 1959  
 Mueller, Robert, Professor, Ph.D., Indiana University, 1954  
 Nadaf, George, Assistant Professor, M.M., Manhattan School of Music  
 Oldfield, W. Alan, Assistant Professor, Ph.D., North Texas State University, 1969  
 Olsson, Phillip, Professor, M.M., Chicago Conservatory, 1949  
 Poulos, Helen, Assistant Professor, D.Mus., Indiana University, 1971  
 Resnick, Robert, Associate Professor, M.M., University of Wichita, 1949  
 Siener, Melvin, Associate Professor, M.A., University of Iowa, 1954  
 Stiman, Harold, Assistant Professor, M.S., University of Illinois, 1957  
 Stiman, Gene, Assistant Professor, M.S.M.E., University of Illinois, 1957  
 Strawn, Richard, Assistant Professor, M.Mus., Indiana University, 1961  
 Stroud, James, Assistant Professor, M.M., Hartt College of Music, 1963  
 Taylor, Charles, Associate Professor, D.Ed., Columbia University, 1950  
 Underwood, Jervis, Associate Professor, Ph.D., North Texas State University, 1970  
 Wallace, Mary E., Associate Professor, M.S., University of Illinois, 1954  
 Werner, Kent, Associate Professor, Ph.D., University of Iowa, 1966

**Occupational Education (College of Education)**

- Bailey, Larry J., Associate Professor, Ed.D., University of Illinois, 1968  
 Bittle, R. E., Professor, M.Ed., Mississippi Southern College, 1954  
 Bortz, Richard F., Associate Professor, Ph.D., University of Minnesota, 1967  
 Erickson, John H., Professor, D.Ed., Pennsylvania State University, 1953  
 Jenkins, James, Associate Professor, D.Ed., Pennsylvania State University, 1955  
 Nystrom, Dennis, Assistant Professor, Ed.D., Texas A. & M. University, 1969  
 Ramp, Wayne S., Professor, Ed.D., Bradley University, 1956  
 Rosenbarger, Maxine, Associate Professor, Southern Illinois University, 1970  
 Stadt, Ronald W., *Chairman* and Professor, Ed.D., University of Illinois, 1962  
 Sullivan, James A., Associate Professor, Ed.D., West Virginia University, 1967  
 Weisman, Lawrence, Assistant Professor, Ph.D., Florida State University, 1972

**Philosophy (College of Liberal Arts)**

- Audi, Michael N., Assistant Professor, Ph.D., Johns Hopkins University, 1970  
 Clarke, David S. Jr., Associate Professor, Ph.D., Emory University, 1964  
 Diefenbeck, James A., Professor, Ph.D., Harvard University, 1950  
 Eames, Elizabeth, Professor, Ph.D., Bryn Mawr College, 1951  
 Eames, S. Morris, Professor, Ph.D., University of Chicago, 1958  
 Frondizi, Risieri, Professor, Ph.D., National University of Mexico, 1950

Gillan, Garth, Associate Professor, Ph.D., Duquesne University, 1966  
 Hahn, Lewis E., Professor, Ph.D., University of California, Berkeley, 1939  
 Hayward, John, Professor, Ph.D., University of Chicago, 1949  
 Howie, John, Associate Professor, Ph.D., Boston University, 1965  
 Kelly, Matthew J., Associate Professor, Ph.D., University of Notre Dame, 1963  
 Leys, Wayne A. R., Professor, Ph.D., University of Chicago, 1930  
 Liu, Shu-Hsien, Associate Professor, Ph.D., Southern Illinois University, 1966  
 McClure, George T., Professor, Ph.D., Ohio State University, 1958  
 Mijuskovic, Ben, Assistant Professor, Ph.D., University of California, San Diego, 1972  
 Moore, Willis, Professor, Ph.D., University of California, Berkeley, 1936  
 Plochmann, George K., Professor, Ph.D., University of Chicago, 1950  
 Schilpp, Paul, Visiting Professor, Ph.D., Stanford University, 1936  
 Tenney, Charles D., University Professor, Ph.D., University of Oregon, 1931

### Physical Education for Men (College of Education)

Ackerman, Kenneth, Assistant Professor, M.A., Michigan State University, 1959  
 Carroll, Peter, Assistant Professor, Ph.D., Pennsylvania State University, 1970  
 Good, Larry, Associate Professor, Ed.D., Temple University, 1968  
 Franklin, C. C., Assistant Professor, M.S.Ed., Indiana University, 1946  
 Knowlton, Ronald G., Associate Professor, Ph.D., University of Illinois, 1961  
 Shea, Edward J., *Chairman* and Professor, Ph.D., New York University, 1955  
 Wilkinson, James J., Associate Professor, D.P.Ed., Indiana University, 1958

### Physical Education for Women (College of Education)

Davies, Dorothy, Professor, Ed.D., University of Cincinnati, 1944  
 Gordon, Lonny J., Assistant Professor, M.F.A., University of Wisconsin, 1967  
 Potter, Marjorie Bond, Associate Professor, Ph.D., University of Southern California, 1958  
 Thorpe, Joanne, *Chairman* and Professor, Ph.D., Texas Woman's University, 1964  
 West, Charlotte, Associate Professor, Ph.D., University of Wisconsin, 1969  
 Zimmerman, Helen, Professor, Ph.D., University of Wisconsin, 1951

### Physics (College of Science)

Beers, Brian L., Assistant Professor, Ph.D., University of Maryland, 1970  
 Borst, Walter L., Assistant Professor, Ph.D., University of California, 1968  
 Bose, Subir K., Associate Professor, Ph.D., University of Allahabad, India, 1967  
 Carrell, Craig, Assistant Professor, Ph.D., University of Texas, 1968  
 Chang-Fang, C. C., Assistant Professor, Ph.D., Duke University, 1961  
 Cutnell, John D., Assistant Professor, Ph.D., University of Wisconsin, 1967  
 Foglio, Mario E., Associate Professor, Ph.D., University of Bristol, England, 1962  
 Gruber, Bruno J., Professor, Ph.D., University of Vienna, Austria, 1962  
 Henneberger, Walter G., Professor, Ph.D., Göttingen University, Germany, 1959  
 Huang, Huey W., Assistant Professor, Ph.D., Cornell University, 1967  
 Johnson, Kenneth W., Assistant Professor, Ph.D., Ohio State University, 1967  
 Marshall, Lauriston C., Professor, Ph.D., University of California, Berkeley, 1929  
 Nickell, William E., Professor, Ph.D., University of Iowa, 1954  
 Nickle, Harry H., Associate Professor, Ph.D., Columbia University, 1960  
 Pearson, Edwin F., Assistant Professor, Ph.D., Duke University, 1968  
 Sanders, Frank C., Jr., Assistant Professor, Ph.D., University of Texas, 1968  
 Saporoschenko, Mykola, Associate Professor, Ph.D., Washington University, 1958  
 Schlecht, Richard G., Associate Professor, Ph.D., University of California, Berkeley, 1964  
 Watson, Richard E., Professor, Ph.D., University of Illinois, 1938  
 Zimmerman, John R., *Chairman* and Professor, Ph.D., Ohio State University, 1949  
 Zitter, Robert N., Professor, Ph.D., University of Chicago, 1962



**Physiology (College of Science)**

Dunagan, Tom T., Professor, Ph.D., Purdue University, 1960  
 Foote, Florence M., Professor, Ph.D., University of Iowa, 1940  
 Gass, George H., Professor, Ph.D., Ohio State University, 1955  
 Kaplan, Harold, Professor, Ph.D., Harvard University, 1933  
 Miller, Donald M., Associate Professor, Ph.D., University of Illinois, 1965  
 Richardson, Alfred W., Professor, Ph.D., University of Iowa, 1949  
 Stacy, Ralph W., *Chairman* and Professor, Ph.D., Ohio State University, 1948  
 Timmons, Edward, Associate Professor, D.V.M., University of Georgia, 1963  
 Warner, Alexander, Assistant Professor, Ph.D., Kent State University, 1970

**Plant Industries (School of Agriculture)**

Blake, Roland C., Adjunct Professor, Ph.D., University of Minnesota, 1954  
 Coorts, Gerald D., *Chairman* and Professor, Ph.D., University of Illinois, 1964  
 Elkins, Donald M., Associate Professor, Ph.D., Auburn University, 1967  
 Hillyer, Irvin G., Professor, Ph.D., Michigan State University, 1956  
 Hull, J. W., Adjunct Professor, Ph.D., University of Maryland, 1957  
 Jones, Joe H., Associate Professor, Ph.D., Ohio State University, 1960  
 Kapusta, George, Instructor, M.S., University of Minnesota, 1957  
 Leasure, J. K., Professor, Ph.D., University of Illinois, 1953  
 Mowry, James B., Professor, Ph.D., Rutgers University, 1951  
 Myers, Oval, Associate Professor, Ph.D., Cornell University, 1963  
 Nemec, Stanley, Adjunct Assistant Professor, Ph.D., Oregon State University, 1967  
 Olsen, Farrel J., Associate Professor, Ph.D., Rutgers University, 1961  
 Portz, Herbert L., Professor, Ph.D., University of Illinois, 1954  
 Sachell, Donald P., Lecturer, Ph.D., North Carolina State University, 1951  
 Stucky, Donald J., Assistant Professor, Ph.D., Purdue University, 1963  
 Tweedy, James A., Associate Professor, Ph.D., Michigan State University, 1966  
 Varsa, Edward C., Assistant Professor, Ph.D., Michigan State University, 1970

**Psychology (College of Liberal Arts)**

Bekker, L. DeMoyné, Assistant Professor, Ph.D., Ohio State University, 1968  
 Buck, Terence, Associate Professor, Ph.D., University of Missouri, 1968  
 Brutten, Gene J., Professor, Ph.D., University of Illinois, 1957  
 Carrier, Neil A., Professor, Ph.D., University of Michigan, 1956  
 Depue, Richard A., Assistant Professor, Ph.D., University of Oklahoma, 1971  
 Donnerstein, Edward, Assistant Professor, Ph.D., Florida State University, 1972  
 Ehrenfreund, David, *Chairman* and Professor, Ph.D., University of Iowa, 1947  
 Harren, Vincent A., Associate Professor, Ph.D., University of Texas, 1964  
 Irwin, Donald A., Assistant Professor, Ph.D., University of Iowa, 1968  
 Levitt, Robert A., Associate Professor, Ph.D., University of Florida, 1965  
 Lit, Alfred, Professor, Ph.D., Columbia University, 1948  
 McHose, James H., Professor, Ph.D., University of Iowa, 1961  
 McNeel, Steven, Assistant Professor, Ph.D., University of California, Santa Barbara, 1969  
 Meltzer, Donald, Associate Professor, Ph.D., University of Pittsburgh, 1963  
 Mitchell, Thomas O., Assistant Professor, Ph.D., University of Colorado, 1969  
 Molfese, Dennis, Assistant Professor, Ph.D., Pennsylvania State University, 1972  
 O'Donnell, James P., Associate Professor, Ph.D., University of Pittsburgh, 1965  
 Pitz, Gordon, Professor, Ph.D., Carnegie Institute of Technology, 1963  
 Purcell, Thomas D., Associate Professor, Ph.D., Southern Illinois University, 1965  
 Rader, Gordon, Associate Professor, Ph.D., Yale University, 1956  
 Radtke, Robert C., Associate Professor, Ph.D., University of Iowa, 1963  
 Rafferty, Janet, Professor, Ph.D., Ohio State University, 1952  
 Rimm, David C., Associate Professor, Ph.D., Stanford University, 1965  
 Ringuette, Eugene, Associate Professor, Ph.D., Purdue University, 1963

Schill, Thomas R., Professor, Ph.D., Oklahoma State University, 1963  
 Schmeck, Ronald R., Associate Professor, Ph.D., Ohio University, 1969  
 Shoemaker, Donald J., Professor, Ph.D., Ohio State University, 1965  
 Snyder, John, Associate Professor, Ph.D., Loyola University, 1965  
 Somervill, John, Assistant Professor, Ph.D., University of Arkansas, 1970  
 Westberg, William C., Professor, Ph.D., Pennsylvania State University, 1948

### **Radio-Television** (College of Communications and Fine Arts)

Dybvig, Homer E., Associate Professor, Ph.D., Southern Illinois University, 1970  
 Hildreth, Richard, Instructor, M.S., Syracuse University, 1968  
 Kurtz, John L., Assistant Professor, M.S., Southern Illinois University, 1967  
 Lynch, Charles T., Assistant Professor, Ph.D., Southern Illinois University, 1972  
 Norwood, Donald, Assistant Professor, A.M., West Virginia University, 1966  
 Olson, Thomas O., Associate Professor, Ph.D., Wayne State University, 1966  
 Robbins, Buren C., Associate Professor, M.A., University of Iowa, 1935  
 Shipley, Charles W., Professor, Ph.D., Florida State University, 1971

### **Recreation and Outdoor Education** (College of Education)

Freeberg, William H., Professor, D.Rec., Indiana University, 1950  
 Nowak, Paul, Assistant Professor, Ph.D., University of Michigan, 1969  
 O'Brien, William E., *Chairman* and Associate Professor, D.Rec., Indiana University, 1967  
 Taylor, Loren, Professor, D.Ed., Columbia University, 1957  
 Yambert, Paul, Professor, Ph.D., University of Michigan, 1961

### **Rehabilitation** (College of Human Resources)

Allen, Harry A., Assistant Professor, Ed.D., University of Arkansas, 1971  
 Azrin, Nathan H., Professor, Ph.D., Harvard University, 1956  
 Campbell, Robert L., Associate Professor, Ph.D., University of Alabama, 1967  
 Dickey, Thomas W., Assistant Professor, M.A., Southern Illinois University, 1964  
 Gardner, Margaret S., Associate Professor, Ph.D., Northwestern University, 1960  
 Grenfell, John E., Professor, Ed.D., Oregon State University, 1966  
 Hake, Don F., Associate Professor, Ph.D., Southern Illinois University, 1963  
 Lee, Robert E., Associate Professor, M.A., University of Minnesota, 1958  
 Miranti, Joseph P., Professor, M.D., Loyola University, 1950  
 Poppen, Roger, Assistant Professor, Ph.D., Stanford University, 1968  
 Renzaglia, Guy A., *Director* and Professor, Ph.D., University of Minnesota, 1952  
 Rubin, Harris B., Associate Professor, Ph.D., University of Chicago, 1965  
 Sanders, Richard M., Associate Professor, Ph.D., University of North Carolina, 1966  
 Schumacher, Brockman, Associate Professor, Ph.D., Washington University, 1969  
 Viecili, Louis, Assistant Professor, M.S.Ed., Southern Illinois University, 1959

### **Secondary Education** (College of Education)

Adams, Frank C., Associate Professor, Ph.D., Southern Illinois University, 1962  
 Aikman, Arthur L., Associate Professor, Ph.D., Southern Illinois University, 1965  
 Alston, Melvin O., Professor, Ed.D., Columbia University, 1945  
 Boydston, Joann, Associate Professor, Ph.D., Columbia University, 1950  
 Buser, Robert L., *Chairman* and Professor, Ed.D., Indiana University, 1966  
 DeJarnett, Raymond, Associate Professor, Ph.D., Southern Illinois University, 1964  
 Dixon, Billy G., Associate Professor, Ph.D., Southern Illinois University, 1967  
 Dusenberry, Miriam C., Professor, Ph.D., University of Iowa, 1964  
 Edwards, Troy W., Professor, Ed.D., Indiana University, 1954  
 Fligor, Ross J., Professor, Ph.D., Michigan State University, 1953



Jackson, Michael, Assistant Professor, Ed.D., University of Florida, 1971  
 James, Helen, Assistant Professor, Ph.D., University of Colorado, 1970  
 Keene, Roland, Associate Professor, Ph.D., Washington University, 1962  
 Keefer, Daryle E., Professor, Ph.D., Northwestern University, 1946  
 Mees, John D., Professor, Ed.D., Indiana University, 1950  
 Miller, Harry, Assistant Professor, Ed.D., University of Nebraska, 1970  
 Planinc, Carl, Assistant Professor, Ed.D., Indiana University, 1967

### Secretarial and Business Education (School of Business)

Bauernfeind, Harry B., Professor, M.A., Northwestern University, 1943  
 Buboltz, Van A., Assistant Professor, M.A.Ed., Northwestern University, 1937  
 Jacobson, Harry E., Assistant Professor, Ph.D., Southern Illinois University, 1969  
 Rahe, Harves C., *Chairman* and Professor, Ed.D., Indiana University, 1950

### Sociology (College of Liberal Arts)

Alix, Ernest K., Associate Professor, Ph.D., Southern Illinois University, 1966  
 Brooks, Melvin S., Associate Professor, Ph.D., University of Wisconsin, 1941  
 Gaston, Jerry C., Associate Professor, Ph.D., Yale University, 1969  
 Hawkes, Roland K., Assistant Professor, Ph.D., Johns Hopkins University, 1967  
 Johnson, Elmer, Professor, Ph.D., University of Wisconsin, 1950  
 Lantz, Herman R., Professor, Ph.D., Ohio State University, 1950  
 Lemert, Charles C., Assistant Professor, Ph.D., Harvard University, 1972  
 Martin, Thomas W., Assistant Professor, Ph.D., University of Oregon, 1966  
 Munch, Peter A., Professor, Ph.D., University of Oslo, Norway, 1946  
 Nall, Frank C. II, Associate Professor, Ph.D., Michigan State University, 1959  
 Rainey, Michael L., Assistant Professor, Ph.D., Yale University, 1971  
 Rossell, Robert D., Associate Professor, Ph.D., Yale University, 1966  
 Snyder, Charles R., *Chairman* and Professor, Ph.D., Yale University, 1964

### Special Education (College of Education)

Casey, John, Associate Professor, Ed.D., Indiana University, 1963  
 Crowner, James, *Chairman* and Professor, Ph.D., Michigan State University, 1960  
 Hisama, Toshiaki, Assistant Professor, Ph.D., University of Oregon, 1971  
 Joiner, Lee, Associate Professor, Ph.D., Michigan State University, 1966  
 Juul, Kristen, Professor, Ed.D., Wayne State University, 1953  
 Morgan, Howard, Professor, Ed.D., Wayne State University, 1962  
 Rainey, Dan, Instructor, M.S. in Ed., Southern Illinois University, 1956  
 Stephens, Wyatt, Associate Professor, Ph.D., University of Oklahoma, 1963

### Speech (College of Communications and Fine Arts)

Bradley, Earl E., Professor, Ph.D., Northwestern University, 1950  
 Breniman, Lester R., Associate Professor, Ph.D., Ohio State University, 1953  
 Fish, Robert S., Assistant Professor, Ph.D., University of Oklahoma, 1970  
 Hamilton, Lyle M., Assistant Professor, Ph.D., Southern Illinois University, 1970  
 Hibbs, R. Paul, Professor, M.A., University of Wisconsin, 1942  
 Higginbotham, Dorothy C., Professor, Ph.D., Northwestern University, 1961  
 Jennings, Russell W., Associate Professor, Ph.D., Southern Illinois University, 1968  
 Kleinau, Marion, Professor, Ph.D., University of Wisconsin, 1961  
 Micken, Ralph A., *Chairman* and Professor, Ph.D., Northwestern University, 1948  
 Pace, Thomas J., Professor, Ph.D., University of Denver, 1957  
 Potter, David, Professor, Ph.D., Columbia University, 1943  
 Sanders, Keith R., Associate Professor, Ph.D., University of Pittsburgh, 1968  
 Smith, William D., Associate Professor, Ph.D., Southern Illinois University, 1964

### Speech Pathology and Audiology (College of Communications and Fine Arts)

Anderson, John O., Professor, Ph.D., Ohio State University, 1950  
 Blache, Steven E., Assistant Professor, Ph.D., Ohio University, 1970  
 Brackett, I. P., Professor, Ph.D., Northwestern University, 1947  
 Brutten, Gene J., Professor, Ph.D., University of Illinois, 1957  
 Copeland, Alfred B., Associate Professor, Ph.D., University of Washington, 1964  
 Hoshiko, Michael, Professor, Ph.D., Purdue University, 1957  
 McFarland, William, Assistant Professor, Ph.D., University of Washington, 1969  
 Moncur, John P., *Chairman* and Professor, Ph.D., Stanford University, 1950  
 Pace, Sue Ann, Associate Professor, Ph.D., Northwestern University, 1966

### Technology (School of Engineering and Technology)

Besterfield, Dale, Assistant Professor, Ph.D., Southern Illinois University, 1971  
 Dunning, E. L., *Chairman* and Professor, Ph.D., University of Houston, 1967  
 Johnson, Marvin E., Professor, Ed.D., University of Missouri, 1959  
 Klopp, Mark E., Associate Professor, M.S.Ed., Pennsylvania State University, 1954  
 Moeller, Merrill C., Associate Professor, M.S., Kansas State College of Agriculture and Applied Science, 1951

### Theater (College of Communications and Fine Arts)

Browne, Terry W., Assistant Professor, Ph.D., Florida State University, 1970  
 Gordon, Lonny J., Assistant Professor, M.F.A., University of Wisconsin, 1967  
 Harrison, Eelin S., Associate Professor, Ph.D., Louisiana State University, 1968  
 Marshall, Herbert, Professor, Diploma Graduate, Higher Institute of Cinema and Photography, Moscow, 1935  
 McLeod, Archibald, *Chairman* and Professor, Ph.D., Cornell University, 1943  
 Moe, Christian, Professor, Ph.D., Cornell University, 1958  
 Payne, Darwin, Associate Professor, M.F.A., Southern Illinois University, 1955

### Thermal and Environmental Engineering (School of Engineering and Technology)

Chen, Juh W., *Chairman* and Professor, Ph.D., University of Illinois, 1959  
 Hesketh, Howard E., Associate Professor, Ph.D., Pennsylvania State University, 1968  
 Jefferson, Thomas B., Professor, Ph.D., Purdue University, 1955  
 Kent, Albert C., Associate Professor, Ph.D., Kansas State University, 1968  
 Muchmore, Charles, Assistant Professor, Ph.D., Southern Illinois University, 1970  
 Prensner, Douglas S., Assistant Professor, Ph.D., University of Illinois, 1968

### Zoology (College of Science)

Anthoney, Terence R., Assistant Professor, M.D., University of Chicago, 1968  
 Beatty, Joseph A., Associate Professor, Ph.D., Harvard University, 1969  
 Blackwelder, Richard E., Professor, Ph.D., Stanford University, 1934  
 Brandon, Ronald A., Associate Professor, Ph.D., University of Illinois, 1962  
 Dyer, William G., Associate Professor, Ph.D., Colorado State University, 1965  
 Englert, DuWayne C., Associate Professor, Ph.D., Purdue University, 1964  
 Fisher, Harvey I., Professor, Ph.D., University of California, Berkeley, 1942  
 Galbreath, Edwin C., Professor, Ph.D., University of Kansas, 1951  
 Garoian, George, *Chairman* and Associate Professor, Ph.D., University of Illinois, 1956  
 George, William, Associate Professor, Ph.D., University of Arizona, 1961  
 Haas, Hermann J., Professor, Ph.D., University of Göttingen, Germany, 1954



Heidinger, Roy C., Assistant Professor, Ph.D., Southern Illinois University, 1970  
Jewell, Samuel R., Professor, Ph.D., Colorado State University, 1972  
Klimstra, Willard D., Professor, Ph.D., Iowa State University, 1949  
LeFebvre, Eugene, Associate Professor, Ph.D., University of Minnesota, 1962  
Lewis, William M., Professor, Ph.D., Iowa State University, 1949  
Martan, Jan, Associate Professor, Ph.D., University of Oregon, 1963  
McPherson, John E., Assistant Professor, Ph.D., Michigan State University, 1968  
Petersen, Bruce W., Assistant Professor, Ph.D., University of Colorado, 1968  
Shepherd, Benjamin A., Assistant Professor, Ph.D., Kansas State University, 1970  
Stahl, John B., Associate Professor, Ph.D., Indiana University, 1958  
Stains, Howard J., Professor, Ph.D., University of Kansas, 1955  
Waring, George H., Associate Professor, Ph.D., Colorado State University, 1966

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